

Phenolic Resin-Impregnated Graphite

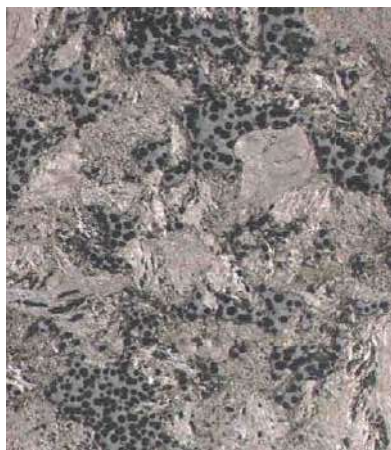
- Phenolic resin-impregnated graphite has outstanding corrosion resistance. It resists against virtually all acids, solvents and halogenated compounds
- Key factors for high quality graphite processing are homogeneous graphite structure, a state of the art impregnation process, and consistent mechanical and thermal processing
- These factors ensures that our products meet the most demanding requirements (e.g. cGMP capabilities)

Providing optimal corrosion resistance against acids, solvents, chlorides and other halogenated compounds

Criteria crucial to quality include graphite raw material structure, impregnation resin and the impregnation process

Impregnation Process

- We impregnate the porous graphite raw material with our unique high-performance resin
- The polymerization step takes place at an elevated temperature. The result is a solid, totally impervious, highly mechanically resistant material with outstanding corrosion resistance



Phenolic resin-impregnated graphite GAB GPX1 (micrograph at 100X)

Product - Produkt - Produit

Concentration - Konzentration

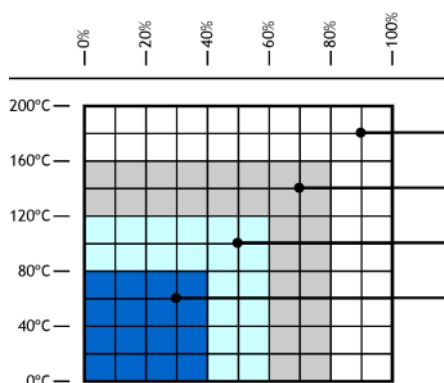
GPX type

Product description in English

Produktbeschreibung in Deutsch

Description du produit en Francais

**Chemical formula - Chemische Formel -
Formule chimique**



No Data - keine Information - Pas d'information

Not resistant - Nicht beständig - Pas résistant

Limited resistance - Limitierte Beständigkeit - Résistance limitée

Perfect resistance - Voll beständig - Totalement résistant

GPX is impervious, phenolic resin-impregnated graphite
GPX1 ist ein mit Phenolharz imprägnierter, vollständig dichter Graphit
GPX1 est un graphite imprégné résine phénolique

GPX2 is impervious, phenolic resin-impregnated, densified graphite
GPX2 ist ein mit Phenolharz imprägnierter, vollständig dichter Graphit
GPX2 est un graphite densifié imprégné résine phénolique



	GAB GPX1/1T					GAB GPX2					GAB GPX1/1T					GAB GPX2																	
	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%									
Acetaldehyde, ethanal Acetaldehyd, Ethanal Acétaldéhyde CH₃CHO	200°C						200°C						200°C						200°C							200°C							Aliphatic amines Aliphatische Amine Amines aliphatiques RNH₂
Acetates (common metals) Acetate (gebräulichen Metalle) Acétates des métaux communs (CH₃CO₂)_nM	200°C						200°C						200°C						200°C							200°C							Alum Alaun Alun Al₂(SO₄)₃K₂SO₄·24H₂O
Acetic acid Essigsäure Acide acétique CH₃COOH	200°C						200°C						200°C						200°C							200°C							Aluminum chloride Aluminiumchlorid Chlorure d'aluminium AlCl₃
Acid anhydrides Carbonsäurenanhydride Anhydrides d'acides RCOOCOR'	200°C						200°C						200°C						200°C							200°C							Amides Carbonsäureamide Amides RCONH₂
Acetone Aceton Acétone CH₃COCH₃	200°C						200°C						200°C						200°C							200°C							Amino acids Aminosäuren Acides aminés R¹CH(NH₂)R²COOH
Acetic acid anhydrous Essigsäureanhydrid Acide acétique anhydre CH₃CO₂COCH₃	200°C						200°C						200°C						200°C							200°C							Ammonia Ammoniak, Ammoniumhydroxid Ammoniac, ammoniague - NH₃ - NH₄OH
Acid chlorides Carbonsäurechloride Chlorures d'acides RCOCl	200°C						200°C						200°C						200°C							200°C							Ammonium bifluoride Ammoniumbifluorid Bifluorure d'ammonium NH₂F·HF
Acrylonitrile Acrylonitril Acrylonitrile CH₂CHCN	200°C						200°C						200°C						200°C							200°C							Ammonium bisulfate Ammoniumsulfat Bisulfate d'ammonium (NH₄)HSO₄
Air Luft Air	200°C						200°C						200°C						200°C							200°C							Ammonium chloride Ammoniumchlorid Chlorure d'ammonium NH₄Cl
Alcohols Alkohole Alcools ROH	200°C						200°C						200°C						200°C							200°C							Ammonium sulfate Ammoniumsulfat Sulfate d'ammonium (NH₄)₂SO₄
Aldehydes Aldehyde Aldérides RCOH	200°C						200°C						200°C						200°C							200°C							Amyl alcohol Amylalkohol Alcool amylique CH₃(CH₂)₄CH₂OH
Aliphatic hydrocarbons Aliphatische Kohlenwasserstoffe Hydrocarbures aliphatiques C_nH_{2n+2}	200°C						200°C						200°C						200°C							200°C							Aniline hydrochloride Anilinhydrochlorid Chlorhydrate d'aniline ΦNH₂Cl, C₆H₅NH₂Cl

Corrosion Tables
Korrosionstabelle
Tables de corrosion

Technical
Information

	GAB GPX1/1T					GAB GPX2					GAB GPX1/1T					GAB GPX2														
	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%						
Aqua Regia Königswasser Eau régale HCl + HNO ₃ (3:1)	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Calcium hypochlorite Calciumhypochlorit hypochlorite de calcium Ca(OCl) ₂	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Aromatic amines Aromatische Amine Amines aromatiques ΦNH ₂	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Carbon disulfide Schwefelkohlenstoff Sulfure de carbone CS ₂	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Aromatic halogenated hydrocarbons Halogenierte aromatische Kohlenwasserstoffe Composés aromatiques halogénés ΦCl, ΦF, ΦBr, ΦI	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Carbon tetrachloride Tetrachlorkohlenstoff Tetra chlorure de carbone CCl ₄	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Aromatic hydrocarbons Aromatische Kohlenwasserstoffe Hydrocarbures aromatiques	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Carbonic acid Kohlensäure Acide carbonique H ₂ CO ₃	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Aromatic nitrate hydrocarbons Nitrierte Aromatische Kohlenwasserstoffe Composés aromatiques nitrés ΦNO ₂	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Ketones Ketone Cétones RCOR'	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Chlorine saturated hydrochloric acid Chlorgesättigte Salzsäure Acide chlorhydrique saturé en chlore HCl, Cl ₂	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Aromatic sulfur derivatives Aromatische Sulfonsäuren Composés sulfonés aromatiques ΦSO ₃ H	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Chloral, trichloroacetaldehyde Chloral, Trichloroacetaldehyd Chloral CCl ₃ COH	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Arsenic acid Asensäure Acide arsenique H ₃ AsO ₄	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Chloral hydrate Chloralhydrat Hydrate de chloral CCl ₃ COH.H ₂ O	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Benzene Benzol Benzène C ₆ H ₆ , Φ	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Chlorides (common metals) Chloride (gebräuchlichen Metalle) Chlorures (métaux communs) MCl _n	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Boric acid Borsäure Acide borique H ₃ BO ₃	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Chlorine dry Trockenes Chlor Chlore sec Cl ₂	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Chlorine nascent Chlor Radikal Chlore naissant Cl'	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
n-Butyl alcohol n-Butylalkohol Alcool butylique CH ₃ (CH ₂) ₃ CH ₂ OH	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Chlorine wet Feuchtes Chlorgas Chlore humide Cl ₂ H ₂ O	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Calcium chlorate Calciumchlorat Chlorate de calcium Ca(ClO ₃) ₂	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C

Corrosion Tables Korrosionstabelle Tables de corrosion

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Technical
Information

	GAB GPX1/1T					GAB GPX2					GAB GPX1/1T					GAB GPX2									
	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	
Chloroacetic acid Chloressigsäure Acide chloroacétique ClCH₂COOH	200°C						200°C						200°C						200°C						
Chlorbenzene Chlorbenzol Chlorbenzene C₆H₅Cl, ΦCl	200°C						200°C						200°C						200°C						
Chloroform Chloroform Chloroforme CCl₃H	200°C						200°C						200°C						200°C						
Chloronaphthalene Chlornaphthalin Chloronaphtalène C₁₀H₇Cl	200°C						200°C						200°C						200°C						
Chloronitric pickling solution Beizbad Acide chloronitrique HNO₃ + HCl 5%	200°C						200°C						200°C						200°C						
Chlorosulfonic acid Chlorsulfonsäure Acide chlorosulfonique HCISO₃	200°C						200°C						200°C						200°C						
Chromic acid Chromsäure Acide chromique H₂CrO₄	200°C						200°C						200°C						200°C						
Citric acid Zitronensäure Acide citrique (CO₂HCH₂)₂C(OH)COOH	200°C						200°C						200°C						200°C						
Creosols Kresole Crésols HOC₆H₄CH₃, HOΦCH₃	200°C						200°C						200°C						200°C						
Cupric chloride Kupferchlorid Chlorure cuivrique CuCl₂	200°C						200°C						200°C						200°C						
Cupric sulfate Kupfersulfat Sulfate de cuivre CuSO₄	200°C						200°C						200°C						200°C						
Cyanide Cyanverbindung Cyanures RCN	200°C						200°C						200°C						200°C						
Cyanogen chloride Chlorcyan Chlorure de cyanogène CICN	200°C						200°C						200°C						200°C						
Cyanuric chloride Cyanurchlorid Chlorure de cyanuryle Cl₃C₃N₃	200°C						200°C						200°C						200°C						
Cyclo hydrocarbons Cyclische Kohlenwasserstoffe Hydrocarbures cycliques	200°C						200°C						200°C						200°C						
Azo compounds Azoverbindungen Composés azo RNNR'	200°C						200°C						200°C						200°C						
Dibromomethane Dibrommethan Dibromométhane CH₂Br₂	200°C						200°C						200°C						200°C						
Dichlorobenzene Dichlorbenzol Dichlorobenzène C₆H₄Cl₂	200°C						200°C						200°C						200°C						
1,1-Dichloroethane 1,1-Dichlorethan 1,1-Dichloroéthane Cl₂CHCH₃	200°C						200°C						200°C						200°C						
2,2-Dichloroethanol 2,2-Dichlorethanol 2,2-Dichloroéthanol Cl₂CHCH₂OH	200°C						200°C						200°C						200°C						
Ethylenedichloride Dichlorethylen, Dichlorethen Dichloroéthylène C₂H₂Cl₂	200°C						200°C						200°C						200°C						
Diethanolamine Diethanolamin Diéthanolamine (HOCH₂CH₂)₂NH	200°C						200°C						200°C						200°C						
Diethylether Diethylether Diéthyléther CH₃CH₂OCH₂CH₃, C₄H₁₀O	200°C						200°C						200°C						200°C						
Dimethyl formamide, DMF Dimethylformamid Diméthylformamide HOCN(CH₃)₂	200°C						200°C						200°C						200°C						

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	GAB GPX1/1T					GAB GPX2					GAB GPX1/1T					GAB GPX2																
	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%								
N,N-Dimethylaniline N,N-Dimethylaniline N,N-Diméthylaniline	200°C						200°C						200°C						200°C							200°C						Ferrous chloride Eisen-II-chlorid Chlorure ferreux
$C_6H_5N(CH_3)_2$	160°C						160°C						160°C						160°C							160°C						$FeCl_2$
Dimethylether Dimethylether Diméthyléther	120°C						120°C						120°C						120°C							120°C						Ferrous sulfate Eisen-II-sulfat, Eisenvitriol Sulfate ferreux, sulfate de fer
CH_3OCH_3, C_2H_6O	80°C						80°C						80°C						80°C							80°C						$FeSO_4$
Dioxane Dioxan Dioxanne	40°C						40°C						40°C						40°C							40°C						Fluoroboric acid Fluoroborsäure Acide fluoroborique
$C_6H_8O_2$	0°C						0°C						0°C						0°C							0°C						HBF_4
Diphenyl Diphenyl, Dibenzol Diphényl	200°C						200°C						200°C						200°C							200°C						Fluoronitric pickling solution Beizbad Acide fluoronitrique
$C_{12}H_{10}$	160°C						160°C						160°C						160°C							160°C						$HNO_3 + HF 5\%$
Dowtherm® Dowtherm® Dowtherm®	120°C						120°C						120°C						120°C							120°C						Fluorides (common metals) Fluoride (gebräuchlichen Metalle) Fluorures (métaux communs)
RCO_2R'	80°C						80°C						80°C						80°C							80°C						MF_n
Esters Ester Ester	40°C						40°C						40°C						40°C							40°C						Fluorine dry Fluor Fluor sec
RCO_2R'	0°C						0°C						0°C						0°C							0°C						F_2
Ethanol Ethanol, Ethylalkohol Ethanol, alcool éthylique	200°C						200°C						200°C						200°C							200°C						Fluorosilic acid Hexafluorokieselsäure Acide fluorosilicique
C_2H_5OH	160°C						160°C						160°C						160°C							160°C						H_2SiF_6
Mono-ethanolamine Mono-Ethanolamine Mono-éthanolamine	120°C						120°C						120°C						120°C							120°C						Formaldehyde, methanal Formaldehyd Formaldehyde, méthanal
$HOCH_2CH_2NH_2$	80°C						80°C						80°C						80°C							80°C						CH_2O
Ethers Äther Ethers	40°C						40°C						40°C						40°C							40°C						Formic acid Ameisensäure Acide formique
ROR'	0°C						0°C						0°C						0°C							0°C						HCO_2H
Ethyl isopropyl ketone Ethyl-isopropylketon Ethyl isopropyl cétone	200°C						200°C						200°C						200°C							200°C						Freon Freone Fréon
$(CH_3CHCH_3)CO(CH_2CH_3)$	160°C						160°C						160°C						160°C							160°C						$C_nH_mCl_xF_y$
Ethyl mercaptan Ethylmercaptan Ethyl mercaptan	120°C						120°C						120°C						120°C							120°C						Furan Furan Furanne
C_2H_5SH	80°C						80°C						80°C						80°C							80°C						C_4H_4O
Ferric chloride Eisen-III-chlorid Chlorure ferrique	40°C						40°C						40°C						40°C							40°C						Gasoline, diesel, kerosine Benzin, Diesel, Kerosin Essence, gasoil, kérozène
$FeCl_3$	0°C						0°C						0°C						0°C							0°C						

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Technical
Information

	GAB GPX1/1T					GAB GPX2					GAB GPX1/1T					GAB GPX2									
	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	
Carbohydrates Kohlenhydrate Glucides $C_nH_{2n}O_n$	200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						
Glycerine Glyzerin Glycérine, glycérol $HOCH_2CHOHCH_2OH$	200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						
Glycols Glykole, Diole Glycols $HOCH_2-R-CH_2OH$	200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						
Glyoxal, ethanediol, ethandial Glyoxal Glyoxal, éthanediol, éthandial $C_2H_2O_2$	200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						
Halogenated hydrocarbons Halogenierte Kohlenwasserstoffe Composés halogénés RCI, RF, RBr, RI	200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						
Hydrazines Hydrazin Hydrazines N_2H_4	200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						
Hydrobromic acid Bromwasserstoffsäure Acide bromhydrique HBr_{aq}, HBr_{gas}	200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						
Hydrochloric acid Salzsäure Acide chlorhydrique HCl_{aq}, HCl_{gas}	200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						
Hydrofluoric acid Flusssäure Acide fluorhydrique HF_{aq}, HF_{gas}	200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						
Hydroxylamines Hydroxylamine Hydroxylamines $RR'NOH$	200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						
Imides Imide Imides $RCONHCOR'$	200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						
Iodine wet, iodine water Jodwasser Iode humide, eau d'iode I, H_2O	200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						200°C 160°C 120°C 80°C 40°C 0°C						

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	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%
Nitrates (common metals) Nitrate (gebräulichen Metalle) Nitrates (métaux communs)																								
(NO ₃) _n M	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Nitric acid Salpetersäure Acide nitrique																								
HNO ₃	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Nitriles Nitrile Nitriles																								
RCN	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Nitrite (common metals) Nitrite (gebräulichen Metalle) Nitrites (métaux communs)																								
(NO ₂) _n M	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Nitrobenzene Nitrobenzol Nitrobenzène																								
C ₆ H ₅ NO ₂ , ΦNO ₂	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Nitrochlorobenzene Para-Nitrochlorbenzol Para-nitrochlorobenzène																								
ClC ₆ H ₄ NO ₂ , ClΦNO ₂	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Nitrotoluene Nitrotoluol Nitrotoluène																								
CH ₃ C ₆ H ₄ NO ₂ , CH ₃ ΦNO ₂	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
n-Octanol n-Octanol n-Octanol																								
CH ₃ (CH ₂) ₆ CH ₂ OH	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Oleic acid Ölsäure, cis-9-Octadecensäure Acide oléique																								
CH ₃ (CH ₂) ₇ HC=CH(CH ₂) ₇ CO ₂ H	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Oleum Oleum Oléum																								
H ₂ SO ₄ + SO ₂	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Organic acids Organische Säuren Acides organiques																								
R-COOH	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Oxalic acid Oxalsäure, Ethandicarbonsäure Acide oxalique																								
HO ₂ C-CO ₂ H	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Paraldehyde Paraaldehyd Paraldehyde																								
(CH ₃ CHO) ₃	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Phenols Phenole Phénols																								
ΦOH	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Phosphoric acid Phosphorsäure Acide phosphorique																								
H ₃ PO ₄	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Phosgene, anhydrous Phosgen Phosgène anhydre																								
COCl ₂	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Phosphatization bath Phosphatierungsbad Bain de phosphatation																								
H ₂ SO ₄ + H ₃ PO ₄	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Phosphorus chlorides Phosphor-III-chlorid Chlorures de phosphore																								
PCl ₃	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Phosphorus oxychloride Phosphorylchlorid Oxychlorures de phosphore																								
POCl ₃	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Potassium bichromate Kaliumdichromat Bichromate de potassium																								
K ₂ Cr ₂ O ₇	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Potassium chlorate Kaliumchlorat Chlorate de potassium																								
KClO ₃	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Potassium hydroxyde, potash Kaliumhydroxyd, Kalilauge Hydroxyde de potassium																								
KOH	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Potassium hypochlorite Kaliumhypochlorit hypochlorite de potassium																								
KOCl	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C
Propanol 2, isopropanol Isopropylalkohol, Propan-2-ol Alcool isopropylique																								
CH ₃ CHOHCH ₃	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C	200°C	160°C	120°C	80°C	40°C	0°C

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	GAB GPX1/1T					GAB GPX2					GAB GPX1/1T					GAB GPX2												
	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%	80%	100%				
Pyridin Pyridin Pyridine C_5H_5N	200°C 160°C 120°C 80°C 40°C 0°C													200°C 160°C 120°C 80°C 40°C 0°C							Steraic acid Stearinsäure Acide stéarique $CH_3(CH_2)_{16}CO_2H$	200°C 160°C 120°C 80°C 40°C 0°C						
Pyrrrol Pyrrrol Pyrrrole C_4H_5N	200°C 160°C 120°C 80°C 40°C 0°C													200°C 160°C 120°C 80°C 40°C 0°C							Sulfates (common metals) Sulfate (gebräuchlichen Metalle) Sulfates (métaux communs) $(SO_4)_nM$	200°C 160°C 120°C 80°C 40°C 0°C						
Quinoline Quinolin Quinoléines C_9H_7N	200°C 160°C 120°C 80°C 40°C 0°C													200°C 160°C 120°C 80°C 40°C 0°C							Sulfites (common metals) Sulfite (gebräuchlichen Metalle) Sulfites (métaux communs) $(SO_3)_nM$	200°C 160°C 120°C 80°C 40°C 0°C						
Quinones Chinone Quinones ΦO_2	200°C 160°C 120°C 80°C 40°C 0°C													200°C 160°C 120°C 80°C 40°C 0°C							Sulfonitric solution Salpeter-und-Schwefelsäure Mélange sulfonitrique $H_2SO_4 + HNO_3 0,1\%$	200°C 160°C 120°C 80°C 40°C 0°C						
Salicylic acid Salicylsäure Acide salicylique HOC_6H_4COOH	200°C 160°C 120°C 80°C 40°C 0°C													200°C 160°C 120°C 80°C 40°C 0°C							Sulfur chlorides Schwefeldichlorid Chlorures de soufre $SCl_2 + S_2Cl_2$	200°C 160°C 120°C 80°C 40°C 0°C						
Sodium carbonate Natriumcarbonat, Soda Carbonate de sodium Na_2CO_3	200°C 160°C 120°C 80°C 40°C 0°C													200°C 160°C 120°C 80°C 40°C 0°C							Sulfur dioxide Schwefeldioxyd Anhydride sulfureux SO_2	200°C 160°C 120°C 80°C 40°C 0°C						
Sodium chloride, salt Natriumchlorid, Kochsalz Chlorure de sodium $NaCl$	200°C 160°C 120°C 80°C 40°C 0°C													200°C 160°C 120°C 80°C 40°C 0°C							Sulfur hydride wet Schwefelwasserstoffwasser Acide sulfhydrique humide $H_2S + H_2O$	200°C 160°C 120°C 80°C 40°C 0°C						
Sodium hydroxide, caustic soda Natriumhydroxid, Natronlauge Soude caustique $NaOH$	200°C 160°C 120°C 80°C 40°C 0°C													200°C 160°C 120°C 80°C 40°C 0°C							Sulfuric acid Schwefelsäure Acide sulfurique H_2SO_4	200°C 160°C 120°C 80°C 40°C 0°C						
Sodium hypochlorite Natriumhypochlorit Hypochlorite de sodium $NaOCl$	200°C 160°C 120°C 80°C 40°C 0°C													200°C 160°C 120°C 80°C 40°C 0°C							Sulfurous acid Schweflige Säure Acide sulfureux H_2SO_3	200°C 160°C 120°C 80°C 40°C 0°C						
Sodium thiosulfate Natriumthiosulfat Thiosulfate de sodium $Na_2S_2O_3 \cdot 5H_2O$	200°C 160°C 120°C 80°C 40°C 0°C													200°C 160°C 120°C 80°C 40°C 0°C							Tartaric acid Weinsäure Acide tartrique $HO_2C(CHOH)_2CO_2H$	200°C 160°C 120°C 80°C 40°C 0°C						
Stannic chloride Zinn-IV-chlorid Chlorure d'étain $SnCl_4$	200°C 160°C 120°C 80°C 40°C 0°C													200°C 160°C 120°C 80°C 40°C 0°C							Tetrachloroethane 1,1,2,2-Tetrachlorethan Tétrachloroéthane $CH_2Cl_2CHCl_2$	200°C 160°C 120°C 80°C 40°C 0°C						
Steam Dampf Vapeur d'eau H_2O	200°C 160°C 120°C 80°C 40°C 0°C													200°C 160°C 120°C 80°C 40°C 0°C							Tetrachloroethylene Tetrachlorethylen Tétrachloroéthylène C_2Cl_4	200°C 160°C 120°C 80°C 40°C 0°C						

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	0%	20%	40%	60%	80%	100%	0%	20%	40%	60%		80%	100%	0%	20%	40%	60%	80%	100%				
Tetrahydrofuran, THF Tetrahydrofuran, THF Tetrahydrofurane, THF	200°C											Vinyl chloride Vinylchlorid, Chlorethen Chlorure de vinyle	200°C										
C_2H_2O	160°C											$CH_2=CHCl$	160°C										
	120°C												120°C										
	80°C												80°C										
	40°C												40°C										
	0°C												0°C										
Thionylchloride Thionylchlorid Chlorure de thionyle	200°C											Xylol, dimethylbenzene, xylene Xylol, Dimethylbenzol Xylène, diméthylbenzène	200°C										
$SOCl_2$	160°C											$(CH_3)_2C_6H_4, \Phi(CH_3)_2$	160°C										
	120°C												120°C										
	80°C												80°C										
	40°C												40°C										
	0°C												0°C										
Thiophen Thiophen Thiophène	200°C											Zinc chloride Zinkchlorid Chlorure de zinc	200°C										
C_4H_4S	160°C											$ZnCl_2$	160°C										
	120°C												120°C										
	80°C												80°C										
	40°C												40°C										
	0°C												0°C										
Toluene Toluol Toluène	200°C											Zinc sulfate Zinksulfat Sulfate de zinc	200°C										
$C_6H_5CH_3, \Phi CH_3$	160°C											$ZnSO_4$	160°C										
	120°C												120°C										
	80°C												80°C										
	40°C												40°C										
	0°C												0°C										
Trichloroethane Trichlorethan Trichloréthane	200°C												200°C										
$CHCl_2CH_2Cl$	160°C												160°C										
	120°C												120°C										
	80°C												80°C										
	40°C												40°C										
	0°C												0°C										