PE-HD 350x1000 mm natur

Artikelnr P1003309

1. Tekniskt datablad

Egenskap	VÃ□rde	Enhet	Standard
Density	0.96	g/cmÂ³	ISO 1183
Tensile Strength	20	MPa	ISO 527
Modulus of elasticity (tensile)	1200	MPa	ISO 527
Breakdown Voltage	13	MPa	ISO 527
Break Elongation	200	%	ISO 527
Melting point	135	Â°C	ISO 3146
Maximal operating temperature (short-term)	95	Â°C	UL746B
Maximum Operating Temperature	76	Â°C	
Minimum temperature	-51	Â°C	
Heat deflection temperature (HDT/A)	45	Â°C	ISO 75-2
Heat deflection temperature (HDT/B)	69	Â°C	ISO 75
Vicat softening temperature (VST/B/50)	79	Â°C	ISO 306
Dielectric Strength	45	kV/mm	IEC 60243-1
Volume Resistivity	10Â¹Â²	Î©Â·cm	EN 61340-5-1
Dielectric Constant (1 MHz)	2.4	-	IEC 60250
Dielectric Constant (100 Hz)	2.3	-	IEC 60250
Dielectric loss factor (1 MHz)	0.0	-	IEC 60250
Dielectric loss factor (100 Hz)	0.0	-	IEC 60250
Flexural Strength	20	MPa	ISO527-2
Thermal Conductivity	0.4	W/(mÂ·K)	DIN 52612
Surface Resistivity	10Â¹Â³	Î©	EN 61340-5-1
Comparative Tracking Index (CTI)	600	V	IEC 60112
Water absorption to saturation	0.01	%	ISO 62
Water Absorption to Saturation	0.01	%	ISO 62
Notched impact strength (Charpy)	7.5	kJ/mÂ²	ISO 179/1eA
Impact Resistance (Charpy)	15	kJ/mÂ²	ISO 179/1eU

Egenskap	VÃ□rde	Enhet	Standard
Thermal Expansion Coefficient	2	10â»â´/K	ISO 11359
Hardness Shore D	60	Â° Shore D	shore D
Ball pressure hardness	50	MPa	ISO 2039-1

2. Kemisk bestÃ¤ndighet

BestÃ□ndig Delvis bestÃ□ndig Ej bestÃ□ndig

Kemikalie	Konc.	Resultat
1,4-Dioxane	100%	
2-Hydroxypropionic acid (lactic acid)	90%	
Acetaldehyde	â€”	
Acetic acid	100%	
Acetic acid	100%	
Acetic acid, aqueous	70%	
Acetic anhydride	â€”	
Acetone	â€”	
Acetone	100%	
Acronal dispersions	â€”	
Acrylonitrile	â€”	
Allyl acetate	â€”	
Allyl alcohol	96%	
Allyl chloride	â€”	
Aluminium chloride, aqueous	any	
Aluminium chloride, solid	â€”	
Aluminium fluoride	Conc.	
Aluminium hydroxide	â€”	
Aluminium metaphosphate	â€”	
Aluminium sulphate, aqueous saturated	â€”	
Aluminium sulphate, solid	â€”	
Ammonia	concentrated	
Ammonia, gaseous	â€”	
Ammonia, liquid	â€”	
Ammonium chloride	â€”	
Amyl alcohol	â€”	
Aniline	any	

Kemikalie	Konc.	Resultat
Anisole	â€”	🟢
Aqua regia	â€”	🔴
Beer	â€”	🟢
Benzaldehyde, aqueous	any	🟢
Benzene	technically grade	🔴
Benzene	â€”	🟢
Benzoic acid, aqueous	any	🟢
Benzyl alcohol	â€”	🟢
Bitumen	â€”	🟢
Bleaching solution	12.5 cl	🟡
Boric acid	100%	🟢
Brake fluid	â€”	🟢
Bromine, liquid	100%	🔴
Butanol, aqueous	any	🟢
Butter	â€”	🟢
Butyl acetate	â€”	🟢
Calcium chloride	â€”	🟢
Calcium hypochlorite, aqueous suspension	any	🟢
Camphor	â€”	🟡
Carbon disulphide	100%	🟡
Carbon disulphide	â€”	🔴
Carbon tetrachloride	â€”	🟡
Caustic soda (NaOH)	any	🟢
Chlorine (gas)	100%	🟡
Chlorine, liquid	â€”	🔴
Chloroacetic acid, aqueous	â‰¤85%	🟢
Chlorobenzene	100%	🟡
Chlorobenzene	â€”	🟡
Chloroform	technically grade	🟡
Chloroform	â€”	🟡
Chromosulphuric acid	â€”	🔴
Cider	â€”	🟢
Citric acid	10%	🟢
Citrus fruit juices	â€”	🟢
Coconut oil	â€”	🟢

Kemikalie	Konc.	Resultat
Cod liver oil	â€”	🟢
Cresol	100%	🟢
Cresol	â€”	🟢
Cyclohexane	â€”	🟢
Cyclohexanol	â€”	🟢
Cyclohexanone	100%	🟢
Cyclohexanone	â€”	🟢
Cyclohexene	100%	🟢
Detergents	usual	🟢
Detergents	â€”	🟢
Dibutyl ether	â€”	🟢
Dibutyl phthalate	â€”	🟢
Dichloroacetic acid	â€”	🟢
Dichloroethane	â€”	🟡
Diesel	â€”	🟢
Diesel	â€”	🟢
Diethylene oxide	â€”	🟢
Diglycolic acid, aqueous	30%	🟢
Dimethyl formamide (DMF)	â€”	🟢
Dimethylamine	â€”	🟢
Dioxane	â€”	🟢
Essential oils	â€”	🟡
Ethyl acetate	â€”	🟢
Ethyl acetate	100%	🟢
Ethyl alcohol (ethanol)	96%	🟢
Ethylene alcohol	96%	🟢
Ethylene chloride	100%	🟢
Ethylene chloride	â€”	🔴
Ethylene diamine	â€”	🟢
Ethylene glycol	â€”	🟢
Ferric chloride, aqueous	any	🟢
Ferric nitrate, aqueous saturated	â€”	🟢
Ferric nitrate, aqueous saturated	â€”	🟢
Ferric sulphate, aqueous saturated	â€”	🟢

Kemikalie	Konc.	Resultat
Ferric sulphate, aqueous saturated	â€”	🟢
Ferrous (II) chloride, aqueous saturated	â€”	🟢
Ferrous (II) sulfate, aqueous saturated	â€”	🟢
Ferrous (III) chloride, aqueous saturated	â€”	🟢
Food oil	â€”	🟢
Formaldehyde (aqueous)	40%	🟢
Formaldehyde, aqueous	â‰¤40%	🟢
Formic acid	10%	🟢
Formic acid, aqueous	85%	🟢
Frigen 12 (Freon 12)	100%	🔴
Frost protection agent	â€”	🟢
Fruit juices	any	🟢
Fuel (aromatic free)	â€”	🟢
Fuel oil	â€”	🟢
Fuel oil	â€”	🟢
Furfural	â€”	🟢
Glycerine	100%	🟢
Glycerine, aqueous	any	🟢
Glycol	100%	🟢
Glycol, aqueous	as supplied	🟢
Glysantin	â€”	🟢
Heptane	â€”	🟢
Heptane	100%	🟢
Hexane	â€”	🟢
Honey	â€”	🟢
Hydrobromic acid, aqueous	50%	🟢
Hydrochloric acid	10%	🟢
Hydrochloric acid (concentrated)	concentrated	🟢
Hydrochloric acid, aqueous	any	🟢
Hydrofluoric acid	40%	🟢
Hydrogen peroxide	10%	🟢
Hydrogen sulfide (aqueous)	â€”	🟢
Ink	â€”	🟢
Iodine in potassium iodide solution	3% iodine	🟢
Isooctane	â€”	🟢

Kemikalie	Konc.	Resultat
Isopropanol	â€”	🟢
Isopropyl alcohol	100%	🟢
Isopropyl ether	â€”	🟡
Jam	â€”	🟢
Kerosene	â€”	🟢
Linseed oil	technically grade	🟢
Linseed oil	â€”	🟢
Lithium bromide	â€”	🟢
Maleic acid, aqueous	any	🟢
Menthol	â€”	🟢
Mercurochrome	â€”	🟢
Mercury	â€”	🟢
Methanol	technically grade	🟢
Methyl alcohol (methanol)	100%	🟢
Methyl chloride	gaseous, technically grade	🔴
Methyl ethyl ketone (MEK)	100%	🔴
Methyl ethyl ketone (MEK)	technically grade	🟢
Methylene chloride	100%	🟡
Milk	â€”	🟢
Milk	â€”	🟢
Mineral oil (aromatic free)	â€”	🟢
Molasses	â€”	🟢
Motor oil (heavy duty) without additives	â€”	🟢
Naphtha	â€”	🟢
Naphthalene	â€”	🟢
Nitric acid	10%	🟢
Nitric acid (50%)	50%	🟡
Nitric acid, aqueous	50%	🟡
Nitric acid, aqueous	25%	🟢
Nitrobenzene	â€”	🟢
Nitrobenzene	â€”	🟢
Oils, vegetable and animal	â€”	🟢
Oleic acid	â€”	🟢
Oleum (fuming sulphuric acid)	any	🔴

Kemikalie	Konc.	Resultat
Oxalic acid	â€”	🟢
Oxalic acid, aqueous	any	🟢
Oxygen	â€”	🟢
Ozone	50 ppm	🟡
Ozone (gas)	â‰¤0.5 ppm	🟢
Paraffin oil	100%	🟢
Perchloric acid, aqueous	20%	🟢
Perchloric acid, aqueous	50%	🟢
Perchloric acid, aqueous	70%	🟢
Perchloroethylene	â€”	🟡
Petroleum	â€”	🟢
Petroleum ether	â€”	🟢
Petroleum ether	100%	🟢
Phenol	â€”	🟢
Phenol (aqueous)	â‰ˆ9%	🟢
Phosphoric acid	50%	🟢
Phosphoric acid, aqueous	80% L 95%	🟢
Phosphoric acid, aqueous	50%	🟢
Phosphorus trichloride	â€”	🔴
Photographic developer	â€”	🟢
Photographic emulsion	as supplied	🟢
Photographic fixing bath	as supplied	🟢
Phthalic acid, aqueous	50%	🟢
Polyester resins	â€”	🔴
Potassium hydroxide solution	50%	🟢
Premium fuel	â€”	🟢
Propionic acid, aqueous	any	🟢
Propyl alcohol	â€”	🟢
Pyridine	â€”	🟢
Pyridine	â€”	🟢
Sea water	â€”	🟢
Silicone oil	technically grade	🟢
Silicone oil	â€”	🟢
Sodium borate (borax)	â€”	🟢
Sodium bromide	â€”	🟢

Kemikalie	Konc.	Resultat
Sodium carbonate (aqueous)	â€”	🟢
Sodium chloride (aqueous)	â€”	🟢
Sodium hydrogen sulfite	â€”	🟢
Sodium hydroxide solution (60%)	60%	🟢
Sodium hydroxide solution (caustic soda)	15%	🟢
Sodium hydroxide, aqueous	any	🟢
Sodium hydroxide, solid	â€”	🟢
Sodium nitrate (aqueous)	â€”	🟢
Sodium thiosulfate	â€”	🟢
Stearic acid	â€”	🟢
Sugar syrup	â€”	🟢
Sulphuric acid	96%	🟡
Sulphuric acid, aqueous	â‰¤50%	🟢
Sulphuric acid, aqueous	98%	🟢
Sulphuric acid, aqueous	80%	🟢
Sulphuric acid, aqueous	70%	🟢
Tallow	technically grade	🟢
Tannic acid (tannin), aqueous	10%	🟢
Tetrahydrofuran (THF)	technically grade	🔴
Tetrahydrofuran (THF)	100%	🟡
Thionyl chloride	â€”	🔴
Thiophene	â€”	🔴
Tin (II) chloride, aqueous	any	🟢
Tin (IV) chloride, aqueous	saturated	🟢
Toluene	technically grade	🔴
Toluene	100%	🟡
Transformer oil	â€”	🟢
Transformer oil (insulating oil)	technically grade	🟢
Trichloroacetic acid	technically grade	🟢
Trichloroethylene	100%	🟢
Trichloroethylene	technically grade	🔴
Triethanolamine	â€”	🟢
Turpentine oil	technically grade	🟢
Urea, vattenl.	â‰¤33%	🟢
Vaseline	technically grade	🟢

Kemikalie	Konc.	Resultat
Vinegar (standard)	5-10%	🟢
Water	â€”	🟢
Water, distilled	â€”	🟢
Wine	â€”	🟢
Xylene	â€”	🔴
Xylene	â€”	🔴
Zinc sludge	â€”	🟢