



PE-HD 4000x2000x50 mm svart

Artikelnr P1200453

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Density	0.96	g/cm³	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	°C	ISO 3146
Maximal operating temperature (short-term)	95	°C	UL746B
Maximum Operating Temperature	76	°C	
Minimum temperature	-51	°C	
Heat deflection temperature (HDT/A)	45	°C	ISO 75-2
Heat deflection temperature (HDT/B)	69	°C	ISO 75
Vicat softening temperature (VST/B/50)	79	°C	ISO 306
Dielectric Strength	45	kV/mm	IEC 60243-1
Volume Resistivity	10¹¹	Ω·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/(m·K)	DIN 52612
Surface Resistivity	10¹¹	Ω	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/m²	ISO 179/1eA
Impact Resistance (Charpy)	15	kJ/m²	ISO 179/1eU

Egenskap	V�rde	Enhet	Standard
Thermal Expansion Coefficient	2	10���/K	ISO 11359
Hardness Shore D	60	�� Shore D	shore D
Ball pressure hardness	50	MPa	ISO 2039-1

2. Kemisk best ndighet

● Best ndig ● Delvis best ndig ● Ej best ndig

Kemikalie	Konc.	Resultat
1,4-Dioxane	100%	●
2-Hydroxypropionic acid (lactic acid)	90%	●
Acetaldehyde	���	●
Acetic acid	100%	●
Acetic acid	100%	●
Acetic acid, aqueous	70%	●
Acetic anhydride	���	●
Acetone	���	●
Acetone	100%	●
Acronal dispersions	���	●
Acrylonitrile	���	●
Allyl acetate	���	●
Allyl alcohol	96%	●
Allyl chloride	���	��
Aluminium chloride, aqueous	any	��
Aluminium chloride, solid	���	��
Aluminium fluoride	Conc.	��
Aluminium hydroxide	���	��
Aluminium metaphosphate	���	��
Aluminium sulphate, aqueous saturated	���	��
Aluminium sulphate, solid	���	��
Ammonia	concentrated	��
Ammonia, gaseous	���	��
Ammonia, liquid	���	��
Ammonium chloride	���	��
Amyl alcohol	���	��
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	â€”	
Carbon disulphide	100%	
Carbon tetrachloride	â€”	
Caustic soda (NaOH)	any	
Chlorine (gas)	100%	
Chlorine, liquid	â€”	
Chloroacetic acid, aqueous	â‰‰85%	
Chlorobenzene	â€”	
Chlorobenzene	100%	
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	100%	●
Heptane	â€”	●
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)	technically grade	●
Methyl ethyl ketone (MEK)	100%	●
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	25%	●
Nitric acid, aqueous	50%	●
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	50%	●
Perchloric acid, aqueous	70%	●
Perchloric acid, aqueous	20%	●
Perchloroethylene	â€”	●
Petroleum	â€”	●
Petroleum ether	100%	●
Petroleum ether	â€”	●
Phenol	â€”	●
Phenol (aqueous)	â‰¤9%	●
Phosphoric acid	50%	●
Phosphoric acid, aqueous	50%	●
Phosphoric acid, aqueous	80% L 95%	●
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	98%	●
Sulphuric acid, aqueous	â‰‰50%	●
Sulphuric acid, aqueous	70%	●
Sulphuric acid, aqueous	80%	●
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	100%	●
Toluene	technically grade	●
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%	●

Kemikalie	Konc.	Resultat
Vaseline	technically grade	●
Vinegar (standard)	5-10%	●
Water	â€”	●
Water, distilled	â€”	●
Wine	â€”	●
Xylene	â€”	●
Xylene	â€”	●
Zinc sludge	â€”	●