



PE-500 2000x1000x5 mm grÅ¥

Artikelnr P1400522

1. Tekniskt datablad

Egenskap	VÄrde	Enhet	Standard
Tetthet	1.3	g/cm³	DIN EN ISO 1183-1
StreckgrenseSpinning	24.2	MPa	DIN EN ISO 527
Elastisitetsmodul (trek)	1100	MPa	DIN EN ISO 527
Brottsdeformasjon	138.75	%	DIN EN ISO 527
Smeltepunkt	132.5	°C	ISO 11357-3
Maksimal drifttemperatur (kortvarig)	80	°C	
Maksimal driftstemperatur	54	°C	
Minstemperatur	-100	°C	
Vicat-mykningstemperatur (VST/B/50)	79	°C	DIN EN ISO 306
Dielektrisk Styrke	40	kV/mm	IEC 60243
VolumResistivitet	10¹¹ Ω·cm	Ω	DIN EN 62631-3-1
Dielektrisk konstant (1 MHz)	2.3	-	IEC 60250
Dielektrisk dissipasjonsfaktor (1 MHz)	0.0	-	IEC 60250
Dielektrisk tapfaktor (100 Hz)	0.0	-	IEC 60250
Brannklasse (UL 94)	3		UL 94
Termisk konduktivitet	0.4	W/(m·K)	DIN 52612-1
Overflatemotstand	~10¹¹ Ω	Ω	DIN EN 62631-3-2
Sammenligningskrypstrømsindeks (CTI)	600	V	IEC 60112
Fuktabsorpsjon til metning	0.0	%	DIN EN ISO 62
Vannabsorpsjon til metning	0.0	%	DIN EN ISO 62
Skjæret slagfasthet (Charpy)	2	kJ/m²	DIN EN ISO 179
Termisk utvidelseskoeffisient	2.4	10⁻⁵ /K	DIN 53752
Hardhet Shore D	65	° Shore D	DIN EN ISO 868
Kuletrykkshardhet	50	MPa	ISO 2039-1

2. Kemisk bestandighet

Beständig Delvis beständig Ej beständig

Kemikalie	Konc.	Resultat
1,4-Dioxan	100%	●
2-Hydroxypropionic Acid	90%	●
Acetaldehyd	â€”	●
Acetic Acid	100%	●
Aceton	â€”	●
Aceton	100%	●
Acronal-dispersjoner	â€”	●
Akrylonitril	â€”	●
Allylacetat	â€”	●
Allylalkohol	96%	●
Allylklorid	â€”	●
Aluminiumfluorid	Conc.	●
Aluminiumhydroxid	â€”	●
Aluminiumklorid, fast	â€”	●
Aluminiumklorid, vattenl.	any	●
Aluminiummetafosfat	â€”	●
Aluminiumsulfat, fast	â€”	●
Aluminiumsulfat, vattenl. m��ttad	â€”	●
Ammoniak	concentrated	●
Ammoniak, flytande	â€”	●
Ammoniak, gas	â€”	●
Ammonium Chloride	â€”	●
Amyl Alcohol	â€”	●
Anilin	any	●
Anisol	â€”	●
Apple Juice	â€”	●
Bensen	â€”	●
Bensen	technically grade	●
Bensoesyra, vattenl.	any	●
Bensylalkohol	â€”	●
Benzaldehyd, vattenl.	any	●
Bitumen	â€”	●
Bleaching Solution	12.5 cl	●
Blekk	â€”	●
Boric Acid	100%	●

Kemikalie	Konc.	Resultat
Brake Fluid	â€™	●
Brom, flytande	100%	●
Bromv��tesyra, vattenl.	50%	●
Br��nsle (aromatfritt)	â€™	●
Butanol, vattenl.	any	●
Butyl Acetate	â€™	●
Calcium Chloride	â€™	●
Calcium carbonate	â€™	●
Calcium carbonate	â€™	●
Carbon Disulfide	100%	●
Carbon Tetrachloride	â€™	●
Caustic soda	any	●
Cider	â€™	●
Citric Acid	10%	●
Citrusfruktjuicer	â€™	●
Cyklohexan	â€™	●
Cyklohexanol	â€™	●
Cyklohexanon	100%	●
Cyklohexanon	â€™	●
Cyklohexen	100%	●
Dibutyleter	â€™	●
Dibutylftalat	â€™	●
Diesel Fuel	â€™	●
Diesel fuel	â€™	●
Diethylene Oxide	â€™	●
Diglykolsyra, vattenl.	30%	●
Diklorethan	â€™	●
Diklor��ttiksyra	â€™	●
Dimethyl formamide	â€™	●
Dimetylamin	â€™	●
Dioxan	â€™	●
Eddik (standard)	5-10%	●
Ethanol	10%	●
Ethanol	10%	●

Kemikalie	Konc.	Resultat
Ethanol	10% v/v	●
Ethanol	10%	●
Ethyl Acetate	100%	●
Ethyl Alcohol	96%	●
Ethylene Chloride	100%	●
Etylacetat	â€”	●
Etylenalkohol	96%	●
Etylendiamin	â€”	●
Etylenglykol	â€”	●
Etylenklorid	â€”	●
Fenol	â€”	●
Fenol (vattenl.)	â‰ˆ9%	●
Ferrous (III) nitrate, aqueous saturated	â€”	●
Ferrous (III) sulfate, aqueous saturated	â€”	●
Food Oil	â€”	●
Formaldehyd (vattenl.)	40%	●
Formaldehyd, vattenl.	â‰ˆ40%	●
Formic Acid	10%	●
Fosforsyra, vattenl.	50%	●
Fosforsyra, vattenl.	80% L 95%	●
Fosfortriklorid	â€”	●
Frigen 12 (Freon 12)	100%	●
Frost Protection Agent	â€”	●
Fruktjuicer	any	●
Ftalsyra, vattenl.	50%	●
Furfurol	â€”	●
Fyringsolja	â€”	●
Garvsyra (tannin), vattenl.	10%	●
Glycerin	100%	●
Glycerin, aqueous	any	●
Glykol	100%	●
Glykol, aqueous	as supplied	●
Glysantin	â€”	●
Heating Oil	â€”	●

Kemikalie	Konc.	Resultat
Heptan	â€”	●
Heptan	100%	●
Hexan	â€”	●
Honning	â€”	●
Hydrochloric Acid	10%	●
Hydrochloric Acid (concentrated)	concentrated	●
Hydrofluoric Acid	40%	●
Hydrogen Peroxide	10%	●
Hydrogen Sulfide (aqueous solution)	â€”	●
Isooktan	â€”	●
Isopropanol	â€”	●
Isopropyl Alcohol	100%	●
Isopropyleter	â€”	●
Jod i kaliumjodidl�sning	3% iodine	●
J��rn(II)klorid, vattenl. m��ttad	â€”	●
J��rn(II)sulfat, vattenl. m��ttad	â€”	●
J��rn(III)klorid, vattenl.	any	●
J��rn(III)klorid, vattenl. m��ttad	â€”	●
J��rn(III)nitrat, vattenl. m��ttad	â€”	●
J��rn(III)sulfat, vattenl. m��ttad	â€”	●
Kalciumhypoklorit, vattenl. suspension	any	●
Kamfer	â€”	●
Klor (gas)	100%	●
Klor, flytande	â€”	�
Klorbensen	â€”	●
Klorbensen	100%	●
Kloroform	â€”	●
Kloroform	technically grade	●
Klor��ttiksyra, vattenl.	���85%	●
Kokosolje	â€”	●
Koldisulfid	â€”	�
Kresol	100%	●
Kresol	â€”	●
Kromsyra-svavelsyra	â€”	�
Kungsvatten	â€”	�

Kemikalie	Konc.	Resultat
Kvicksilver	â€™	●
Linolje	technically grade	●
Linseed Oil	â€™	●
Litiumbromid	â€™	●
Magnesium stearate	â€™	●
Magnesium stearate	â€™	●
Maleinsyra, vattenl.	any	●
Melasse	â€™	●
Melk	â€™	●
Melk	â€™	●
Mentol	â€™	●
Merkurokrom	â€™	●
Metanol	technically grade	●
Methyl Alcohol	100%	●
Methyl Ethyl Ketone (MEK)	100%	●
Methyl ethyl ketone	technically grade	●
Methylene Chloride	100%	●
Metylklorid	gaseous, technically grade	●
Mineral Oil (aromatic free)	â€™	●
Motor oil (heavy duty oil) without additives	â€™	●
Myrsyra, vattenl.	85%	●
Nafta	â€™	●
Naftalen	â€™	●
Natriumbromid	â€™	●
Natriumhydroxid, fast	â€™	●
Natriumhydroxid, vattenl.	any	●
Nitric Acid	10%	●
Nitric Acid (50%)	50%	●
Nitrobensen	â€™	●
Nitrobensen	â€™	●
Oils, ethereal	â€™	●
Oksygen	â€™	●
Oleum	any	●
Olive oil	â€™	●

Kemikalie	Konc.	Resultat
Olive oil	â€”	●
Olive oil	â€”	●
Olive oil	â€”	●
Oljer, vegetabilske og animalske	â€”	●
Oljesyra	â€”	●
Oppvaskmiddel	â€”	●
Oxalic Acid	â€”	●
Oxalsyra, vattenl.	any	●
Ozon	50 ppm	●
Ozone Gas	â‰¤0.5 ppm	●
Paraffine Oil	100%	●
Parafin	â€”	●
Perkloretylen	â€”	●
Perklorsyra, vattenl.	50%	●
Perklorsyra, vattenl.	20%	●
Perklorsyra, vattenl.	70%	●
Petroleum	100%	●
Petroleum	â€”	●
Petroleum Ether	100%	●
Petroleumeter	â€”	●
Phosphoric Acid	50%	●
Photographic developers	â€”	●
Photographic emulsions	as supplied	●
Photographic fixing baths	as supplied	●
Polyesterhartser	â€”	●
Potassium Hydroxide liquor	50%	●
Premium Fuel	â€”	●
Propionsyra, vattenl.	any	●
Propyl Alcohol	â€”	●
Pyridin	â€”	●
Pyridin	â€”	●
Salpetersyra, vattenl.	50%	●
Salpetersyra, vattenl.	25%	●
Saltsyra, vattenl.	any	●

Kemikalie	Konc.	Resultat
Silicon dioxide	â€”	●
Silicon dioxide	â€”	●
Silicone Oil	â€”	●
Silikonolja	technically grade	●
Sj�,vann	â€”	●
Sm�,r	â€”	●
Sodium Carbonate (aqueous)	â€”	●
Sodium Chloride (aqueous)	â€”	●
Sodium Hydrogen Sulfite	â€”	●
Sodium Hydroxide liquor	15%	●
Sodium Hydroxide liquor (60%)	60%	●
Sodium Nitrate (aqueous)	â€”	●
Sodium Thiosulfate	â€”	●
Sodium borate	â€”	●
Stearinsyra	â€”	●
Sukkersirup	â€”	●
Sulfuric Acid	96%	●
Svavelsyra, vattenl.	98%	●
Svavelsyra, vattenl.	80%	●
Svavelsyra, vattenl.	��50%	●
Svavelsyra, vattenl.	70%	●
Syltet�,y	â€”	●
Talg	technically grade	●
Tenn(II)klorid, vattenl.	any	●
Tenn(IV)klorid, vattenl.	saturated	●
Terpentinolja	technically grade	●
Tetrahydrofuran	technically grade	●
Tetrahydrofuran (THF)	100%	●
Tiofen	â€”	●
Tionylklorid	â€”	●
Titanium dioxide	â€”	●
Titanium dioxide	â€”	●
Toluen	technically grade	●
Toluen	100%	●
Torskeleverije	â€”	●

Kemikalie	Konc.	Resultat
Transformatorolja (isolerolja)	technically grade	
Transformer Oil	â€”	
Trichloracetic acid	technically grade	
Trietanolamin	â€”	
Trietanolamin	â€”	
Trikloretan	100%	
Trikloretan	technically grade	
Urea, aqueous	â‰ƒ33%	
Vann	â€”	
Vann, destillert	â€”	
Vaselin	technically grade	
Vin	â€”	
Washing up liquids	usual	
Xylen	â€”	
Xylen	â€”	
Zinkslam	â€”	
Ã„ttiksyra	3%	
Ã„ttiksyra	100%	
Ã„ttiksyra	3%	
Ã„ttiksyra	3% w/w	
Ã„ttiksyra	3%	
Ã„ttiksyra, vattenl.	70%	
Ã„ttiksyraanhydrid	â€”	
ÃˆI	â€”	