PE-500 400x1000 mm luonnollinen

Artikelnr P2200655

1. Tekniskt datablad

Egenskap	VÃ¤rde	Enhet	Standard
Tiheys	1.3	g/cmÂ³	DIN EN ISO 1183-1
Venymisrajan jÃ¤nnitys	24.2	MPa	DIN EN ISO 527
Joustavuusmoduli (vetolujuus)	1100	MPa	DIN EN ISO 527
MurtovenymÃ¤	138.75	%	DIN EN ISO 527
Sulamispiste	132.5	Â°C	ISO 11357-3
Maksimaalinen kÃ¤yttÃ¶lÃ¤mpÃ¶tila (lyhytaikainen)	80	Â°C	
Maksimi kÃ¤yttÃ¶lÃ¤mpÃ¶tila	54	Â°C	
Alin lÃ¤mpÃ¶tila	-100	Â°C	
Vicat-pehmenemislÃ¤mpÃ¶tila (VST/B/50)	79	Â°C	DIN EN ISO 306
Dielektrinen voimakkuus	40	kV/mm	IEC 60243
Tilavuusresistanssi	10Â¹â´	Î©	DIN EN 62631-3-1
Dielektrinen vakio (1 MHz)	2.3	-	IEC 60250
Dielektrinen hajoamiskerroin (1 MHz)	0.0	-	IEC 60250
Dielektrinen hajoamiskerroin (100 Hz)	0.0	-	IEC 60250
Paloaluokitus (UL 94)	3		UL 94
LÃ¤mmÃ¶njohtavuus	0.4	W/(mÂ·K)	DIN 52612-1
Pintaresistanssi	~10â¸	Î©	DIN EN 62631-3-2
Vertailukulkemisindeksi (CTI)	600	V	IEC 60112
Imeytymisen maksimointi	0.0	%	DIN EN ISO 62
Vesihaku kyllÃ¤stymiseen	0.0	%	DIN EN ISO 62
SÃ¤rkyÃ¤kesto (Charpy)	2	kJ/mÂ²	DIN EN ISO 179
LÃ¤mpÃ¶laajenemiskerroin	2.4	10â»â´/K	DIN 53752
Kovuus Shore D	65	Â° Shore D	DIN EN ISO 868
Kulmapaineen kovuus	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	90%	🟢
Acetaldehyde	â€”	🟢
Acetic Acid	100%	🟢
Acetic acid	3%	🟢
Acetic acid	3% w/w	🟢
Acetic acid	100%	🟢
Acetic acid	3%	🟢
Acetic acid	3%	🟢
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	🟢
Anisole	â€”	🟢
Apple Juice	â€”	🟢
Aqua regia	â€”	🔴
Beer	â€”	🟢

Kemikalie	Konc.	Resultat
Benzaldehyde, aqueous	any	🟢
Benzene	â€”	🟢
Benzene	technically grade	🔴
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 carbonate	â€”	🟢
Calcium carbonate	â€”	🟢
Calcium hypochlorite, aqueous suspension	any	🟢
Camphor	â€”	🟡
Carbon Disulfide	100%	🟡
Carbon Tetrachloride	â€”	🟡
Carbon disulphide	â€”	🔴
Caustic soda	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€”	🟢
Cod liver oil	â€”	🟢

Kemikalie	Konc.	Resultat
Cresol	â€”	🟢
Cresol	100%	🟢
Cyclohexane	â€”	🟢
Cyclohexanol	â€”	🟢
Cyclohexanone	â€”	🟢
Cyclohexanone	100%	🟢
Cyclohexene	100%	🟢
Detergents	â€”	🟢
Dibutyl ether	â€”	🟢
Dibutyl phthalate	â€”	🟢
Dichloroacetic acid	â€”	🟢
Dichloroethane	â€”	🟡
Diesel Fuel	â€”	🟢
Diesel fuel	â€”	🟢
Diethylene Oxide	â€”	🟢
Diglycolic acid, aqueous	30%	🟢
Dimethyl formamide	â€”	🟢
Dimethylamine	â€”	🟢
Dioxane	â€”	🟢
Ethanol	10%	🟢
Ethanol	10% v/v	🟢
Ethanol	10%	🟢
Ethanol	10%	🟢
Ethyl Acetate	100%	🟢
Ethyl Alcohol	96%	🟢
Ethyl acetate	â€”	🟢
Ethylene Chloride	100%	🟢
Ethylene alcohol	96%	🟢
Ethylene chloride	â€”	🔴
Ethylene diamine	â€”	🟢
Ethylene glycol	â€”	🟢
Ferric chloride, aqueous	any	🟢
Ferric nitrate, aqueous saturated	â€”	🟢
Ferric sulphate, aqueous saturated	â€”	🟢

Kemikalie	Konc.	Resultat
Ferrous (II) chloride, aqueous saturated	â€”	🟢
Ferrous (II) sulfate, aqueous saturated	â€”	🟢
Ferrous (III) chloride, aqueous saturated	â€”	🟢
Ferrous (III) nitrate, aqueous saturated	â€”	🟢
Ferrous (III) sulfate, 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€”	🟢
Furfural	â€”	🟢
Glycerin, aqueous	any	🟢
Glycerine	100%	🟢
Glycol	100%	🟢
Glykol, aqueous	as supplied	🟢
Glysantin	â€”	🟢
Heating Oil	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 solution)	â€”	🟢
Ink	â€”	🟢
Iodine in potassium iodide solution	3% iodine	🟢

Kemikalie	Konc.	Resultat
Isooctane	â€”	🟢
Isopropanol	â€”	🟢
Isopropyl Alcohol	100%	🟢
Isopropyl ether	â€”	🟡
Jam	â€”	🟢
Kerosene	â€”	🟢
Linseed Oil	â€”	🟢
Linseed oil	technically grade	🟢
Lithium bromide	â€”	🟢
Magnesium stearate	â€”	🟢
Magnesium stearate	â€”	🟢
Maleic acid, aqueous	any	🟢
Menthol	â€”	🟢
Mercurochrome	â€”	🟢
Mercury	â€”	🟢
Methanol	technically grade	🟢
Methyl Alcohol	100%	🟢
Methyl Ethyl Ketone (MEK)	100%	🔴
Methyl chloride	gaseous, technically grade	🔴
Methyl ethyl ketone	technically grade	🟢
Methylene Chloride	100%	🟡
Milk	â€”	🟢
Milk	â€”	🟢
Mineral Oil (aromatic free)	â€”	🟢
Molasses	â€”	🟢
Motor oil (heavy duty oil) 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€”	🟢

Kemikalie	Konc.	Resultat
Oils, ethereal	â€”	🟡
Oils, vegetable and animal	â€”	🟢
Oleic acid	â€”	🟢
Oleum	any	🔴
Olive oil	â€”	🟢
Olive oil	â€”	🟢
Olive oil	â€”	🟢
Olive oil	â€”	🟢
Oxalic Acid	â€”	🟢
Oxalic acid, aqueous	any	🟢
Oxygen	â€”	🟢
Ozone	50 ppm	🟡
Ozone Gas	â‰¤0.5 ppm	🟢
Paraffine Oil	100%	🟢
Perchloric acid, aqueous	70%	🟢
Perchloric acid, aqueous	20%	🟢
Perchloric acid, aqueous	50%	🟢
Perchloroethylene	â€”	🟡
Petroleum	100%	🟢
Petroleum	â€”	🟢
Petroleum Ether	100%	🟢
Petroleum ether	â€”	🟢
Phenol	â€”	🟢
Phenol (aqueous)	â‰ˆ9%	🟢
Phosphoric Acid	50%	🟢
Phosphoric acid, aqueous	50%	🟢
Phosphoric acid, aqueous	80% L 95%	🟢
Phosphorus trichloride	â€”	🔴
Photographic developers	â€”	🟢
Photographic emulsions	as supplied	🟢
Photographic fixing baths	as supplied	🟢
Phthalic acid, aqueous	50%	🟢
Polyester resins	â€”	🔴
Potassium Hydroxide liquor	50%	🟢
Premium Fuel	â€”	🟢

Kemikalie	Konc.	Resultat
Propionic acid, aqueous	any	🟢
Propyl Alcohol	â€”	🟢
Pyridine	â€”	🟢
Pyridine	â€”	🟢
Sea water	â€”	🟢
Silicon dioxide	â€”	🟢
Silicon dioxide	â€”	🟢
Silicone Oil	â€”	🟢
Silicone oil	technically grade	🟢
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€”	🟢
Sodium bromide	â€”	🟢
Sodium hydroxide, aqueous	any	🟢
Sodium hydroxide, solid	â€”	🟢
Stearic acid	â€”	🟢
Sugar syrup	â€”	🟢
Sulfuric Acid	96%	🟡
Sulphuric acid, aqueous	â‰¤50%	🟢
Sulphuric acid, aqueous	70%	🟢
Sulphuric acid, aqueous	80%	🟢
Sulphuric acid, aqueous	98%	🟢
Tallow	technically grade	🟢
Tannic acid (tannin), aqueous	10%	🟢
Tetrahydrofuran	technically grade	🔴
Tetrahydrofuran (THF)	100%	🟡
Thionyl chloride	â€”	🔴
Thiophene	â€”	🔴
Tin (II) chloride, aqueous	any	🟢
Tin (IV) chloride, aqueous	saturated	🟢

Kemikalie	Konc.	Resultat
Titanium dioxide	â€”	🟢
Titanium dioxide	â€”	🟢
Toluene	technically grade	🔴
Toluene	100%	🟡
Transformer Oil	â€”	🟢
Transformer oil (insulating oil)	technically grade	🟢
Trichloracetic acid	technically grade	🟢
Trichloroethylene	technically grade	🔴
Trichloroethylene	100%	🟢
Triethanolamine	â€”	🟢
Triethanolamine	â€”	🟢
Turpentine oil	technically grade	🟢
Urea, aqueous	â‰¤33%	🟢
Vaseline	technically grade	🟢
Vinegar (standard)	5-10%	🟢
Washing up liquids	usual	🟢
Water	â€”	🟢
Water, distilled	â€”	🟢
Wine	â€”	🟢
Xylene	â€”	🔴
Xylene	â€”	🔴
Zinc sludge	â€”	🟢

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