



PET 1000x1000x100 mm luonnollinen

Artikelnr P1003816

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Tiheys	1.46	g/cm ³	ISO 1183
Venymisrajan jännitys	52	MPa	ISO 527
Joustavuusmoduli (vetolujuus)	3400	MPa	ISO 527-2
Murtolujuus	58	MPa	ISO 527
Murtovenymä	5	%	ISO 527-2
Sulamispiste	224	°C	ISO 3146
Maksimaalinen käyttölämpötila (lyhytaikainen)	138.75	°C	UL746B
Maksimi käyttölämpötila	97	°C	
Alin lämpötila	-25	°C	
Lämpötilaköyry (HDT/A)	85	°C	ISO 75
Lämpötilaköyry (HDT/B)	100	°C	ISO 75
Vicat-pehmenemislämpötila (VST/B/50)	219	°C	ISO 306
Dielektrinen voimakkuus	22	kV/mm	IEC 60243-1
Tilavuusresistanssi	10 ¹⁴ Ω	Ω·cm	DIN EN 62631-3-1
Dielektrinen vakio (1 MHz)	3.3	-	IEC 60250
Dielektrinen hajoamiskerroin (1 MHz)	0.0	-	IEC 60250
Dielektrinen hajoamiskerroin (100 Hz)	0.0	-	IEC 60250
Taivutuslujuus	75.25	MPa	ISO 178
Lämpöjohtavuus	0.33	W/(m·K)	DIN 52612
Pintaresistanssi	10 ¹⁴ Ω	Ω	IEC 60093
Vertailukulkemisindeksi (CTI)	600	V	IEC 60112
Imeytymisen maksimointi	0.02	%	ISO 62
Vesihaku kyllästymiseen	0.02	%	ISO 62
Särkyäkesto (Charpy)	90	kJ/m ²	ISO 180
Iskunkestävyys (Charpy)	37	kJ/m ²	ISO 179/1eU
Lämpölaajenemiskerroin	0.8	10 ⁻⁶ /K	DIN 11359

Egenskap	V�rde	Enhet	Standard
Kovuus Shore D	77	� Shore D	ISO 868
Rockwell-kovuus	112	M-scale	
Kulmapaineen kovuus	166	MPa	ISO 2039

2. Kemisk best ndighet

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

Kemikalie	Konc.	Resultat
1,4-Dioxane	100	●
1,4-Dioxane	100	●
Acetic acid	100	●
Acetic acid	100%	●
Acetic acid	100	●
Acetone	100	●
Acetone	100	●
Ammonia	conc.	●
Ammonia	conc.	●
Apple juice	��	●
Apple juice	��	●
Benzene	��	●
Benzene	��	●
Bleaching solution	��	●
Brake fluid	��	●
Brake fluid	��	●
Butyl acetate	��	●
Butyl acetate	��	●
Calcium chloride	��	●
Calcium chloride	��	●
Carbon disulphide	100	●
Carbon disulphide	100	●
Carbon tetrachloride	��	●
Carbon tetrachloride	��	●
Carbon tetrachloride	��	●
Chlorobenzene	100%	●
Chlorobenzene	100	●
Chlorobenzene	100	●

Kemikalie	Konc.	Resultat
Chloroform	â€”	●
Chloroform	â€”	●
Citric acid	10	●
Citric acid	10	●
Diesel	â€”	●
Diesel	â€”	●
Diethylene oxide	â€”	●
Diethylene oxide	â€”	●
Ethyl acetate	100	●
Ethyl acetate	100	●
Ethyl alcohol (ethanol)	96	●
Ethyl alcohol (ethanol)	96%	●
Ethyl alcohol (ethanol)	96	●
Ethylene chloride	100	●
Ethylene chloride	100	●
Food oil	â€”	●
Food oil	â€”	●
Food oil	â€”	●
Formic acid	10	●
Formic acid	10	●
Frost protection agent	â€”	●
Frost protection agent	â€”	●
Fuel oil	â€”	●
Fuel oil	â€”	●
Fuel, aromatic free	â€”	●
Fuel, aromatic free	â€”	●
Glycerine	100	●
Glycerine	100	●
Glycerine	100%	●
Glycol	100	●
Glycol	100	●
Heptane	100	●
Heptane	100	●
Hydrochloric acid	conc.	●

Kemikalie	Konc.	Resultat
Hydrochloric acid	10	
Hydrochloric acid	10	
Hydrochloric acid	conc.	
Hydrochloric acid (concentrated)	conc.	
Hydrofluoric acid	40%	
Hydrofluoric acid	40	
Hydrofluoric acid	40	
Hydrogen peroxide	10	
Hydrogen peroxide	10	
Hydrogen sulfide, aqueous	â€”	
Isopropyl alcohol	100	
Isopropyl alcohol	100%	
Isopropyl alcohol	100	
Linseed oil	â€”	
Linseed oil	â€”	
Mercurochrome	â€”	
Methyl alcohol (methanol)	100	
Methyl alcohol (methanol)	100	
Methyl alcohol (methanol)	100%	
Methyl ethyl ketone (MEK)	100	
Methyl ethyl ketone (MEK)	100	
Methylene chloride	100	
Methylene chloride	100	
Milk	â€”	
Milk	â€”	
Mineral oils, aromatic free	â€”	
Mineral oils, aromatic free	â€”	
Nitric acid	50	
Nitric acid	50	
Nitric acid	10%	
Nitric acid	10	
Nitric acid	10	
Paraffin oil	100	
Paraffin oil	100	
Perchloroethylene	â€”	

Kemikalie	Konc.	Resultat
Perchloroethylene	â€”	●
Petroleum	100%	●
Petroleum	100	●
Petroleum ether	100	●
Petroleum ether	100	●
Petroleum ether	100%	●
Phenol, aqueous	ca.9	●
Phosphoric acid	50	●
Phosphoric acid	50	●
Potassium hydroxide solution	50	●
Potassium hydroxide solution	50	●
Premium fuel	â€”	●
Premium fuel	â€”	●
Propyl alcohol	â€”	●
Propyl alcohol	â€”	●
Silicone oil	â€”	●
Silicone oil	â€”	●
Sodium carbonate, aqueous	â€”	●
Sodium carbonate, aqueous	â€”	●
Sodium chloride, aqueous	â€”	●
Sodium chloride, aqueous	â€”	●
Sodium hydrogen sulfite	â€”	●
Sodium hydrogen sulfite	â€”	●
Sodium hydrogen sulfite	â€”	●
Sodium hydroxide solution (caustic soda)	15	●
Sodium hydroxide solution (caustic soda)	60	●
Sodium hydroxide solution (caustic soda)	60	●
Sodium hydroxide solution (caustic soda)	15	●
Sodium nitrate, aqueous	â€”	●
Sodium thiosulfate	â€”	●
Sulphuric acid	96	●
Sulphuric acid	96	●
Tetrahydrofuran (THF)	100	●
Tetrahydrofuran (THF)	100	●

Kemikalie	Konc.	Resultat
Toluene	100	
Toluene	100	
Toluene	100%	
Transformer oil	â€”	
Transformer oil	â€”	
Trichloroethylene	100	
Trichloroethylene	100	
Vinegar, standard	5-10	
Vinegar, standard	5-10	
Vinegar, standard	5-10%	
Water	â€”	
Water	â€”	
Xylene	â€”	
Xylene	â€”	