PET 1000x1000x2,5 mm negro

Artikelnr P1003717

1. Tekniskt datablad

Egenskap	VÃ□rde	Enhet	Standard
Densidad	1.46	g/cmÂ³	ISO 1183
LÃmite de resistencia a la tracciÃ³n	52	MPa	ISO 527
MÃ³dulo de elasticidad (tracciÃ³n)	3400	MPa	ISO 527-2
Resistencia a la tensiÃ³n	58	MPa	ISO 527
DeformaciÃ³n a la rotura	5	%	ISO 527-2
Punto de fusiÃ³n	224	Â°C	ISO 3146
Temperatura de servicio mÃ¡xima (corto plazo)	138.75	Â°C	UL746B
Temperatura de funcionamiento mÃ¡xima	97	Â°C	
Temperatura mÃnima	-25	Â°C	
DeformaciÃ³n tÃ©rmica (HDT/A)	85	Â°C	ISO 75
DeformaciÃ³n tÃ©rmica (HDT/B)	100	Â°C	ISO 75
Temperatura de ablandamiento Vicat (VST/B/50)	219	Â°C	ISO 306
Fuerza dielÃ©ctrica	22	kV/mm	IEC 60243-1
Resistividad volumÃ©trica	10Â¹â¸	Î©Â·cm	DIN EN 62631-3-1
Constante dielÃ©ctrica (1 MHz)	3.3	-	IEC 60250
Factor de pÃ©rdida dielÃ©ctrica (1 MHz)	0.0	-	IEC 60250
Factor de pÃ©rdida dielÃ©ctrica (100 Hz)	0.0	-	IEC 60250
Resistencia a la flexiÃ³n	75.25	MPa	ISO 178
Conductividad tÃ©rmica	0.33	W/(mÂ·K)	DIN 52612
Resistencia superficial	10Â¹â´	Î©	IEC 60093
Ãndice de seguimiento comparativo (CTI)	600	V	IEC 60112
AbsorciÃ³n de agua hasta la saturaciÃ³n	0.02	%	ISO 62
AbsorciÃ³n de agua hasta la saturaciÃ³n	0.02	%	ISO 62
Resistencia al impacto con entalla (Charpy)	90	kJ/mÂ²	ISO 180
Resistencia al impacto (Charpy)	37	kJ/mÂ²	ISO 179/1eU
Coeficiente de expansiÃ³n tÃ©rmica	0.8	10â»â´/K	DIN 11359

Egenskap	VÃ□rde	Enhet	Standard
Dureza Shore D	77	Â° Shore D	ISO 868
Dureza Rockwell	112	M-scale	
Dureza a la presiÃ³n de bala	166	MPa	ISO 2039

2. Kemisk bestÃ¤ndighet

BestÃ□ndig Delvis bestÃ□ndig Ej bestÃ□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	â€”	
Apple juice	â€”	
Benzene	â€”	
Benzene	â€”	
Bleaching solution	â€”	
Brake fluid	â€”	
Brake fluid	â€”	
Butyl acetate	â€”	
Butyl acetate	â€”	
Calcium chloride	â€”	
Calcium chloride	â€”	
Carbon disulphide	100	
Carbon disulphide	100	
Carbon tetrachloride	â€”	
Carbon tetrachloride	â€”	
Carbon tetrachloride	â€”	
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€”	🔴