PPS 56x1000 mm natur

Artikelnr P1010770

1. Tekniskt datablad

Egenskap	VÃ□rde	Enhet	Standard
Density	1.65	g/cmÂ³	ISO 1183
Tensile Strength	83	MPa	ISO 527
Modulus of elasticity (tensile)	7630	MPa	ISO 527
Breakdown Voltage	136.5	MPa	ISO 527
Break Elongation	4	%	ISO 527
Melting point	280	Â°C	ISO 3146
Maximal operating temperature (short-term)	230	Â°C	UL746B
Maximum Operating Temperature	162	Â°C	
Minimum temperature	-13	Â°C	
Heat deflection temperature (HDT/A)	260	Â°C	ISO 75
Dielectric Strength	28	kV/mm	IEC 60243-1
Volume Resistivity	10Â¹â´	Î©Â·cm	DIN EN 62631-3-1
Dielectric Constant (1 MHz)	3.6	-	IEC 60250
Dielectric loss factor (1 MHz)	0.0	-	IEC 60250
Flexural Strength	144	MPa	ISO 178
Thermal Conductivity	0.25	W/(mÂ·K)	DIN 52612
Surface Resistivity	10Â¹â´	Î©	DIN EN 62631-3-2
Comparative Tracking Index (CTI)	125	V	IEC 60112
Water absorption to saturation	0.02	%	ISO 62
Water Absorption to Saturation	0.02	%	ISO 62
Notched impact strength (Charpy)	5	kJ/mÂ²	DIN EN ISO 179
Impact Resistance (Charpy)	27	kJ/mÂ²	ISO 179
Thermal Expansion Coefficient	0.3	10â»â´/K	DIN 11359
Hardness Shore D	90	Â° Shore D	ISO 868
Ball pressure hardness	343	MPa	ISO 2039

2. Kemisk bestÃ¤ndighet

BestÃ□ndig Delvis bestÃ□ndig Ej bestÃ□ndig

Kemikalie	Konc.	Resultat
1,4-Dioxane	100	
Acetone	100	
Ammonia	â€”	
Ammonium chloride	â€”	
Benzene	â€”	
Brake fluid	â€”	
Butyl acetate	â€”	
Calcium chloride	â€”	
Carbon tetrachloride	â€”	
Chlorobenzene	100	
Chloroform	â€”	
Diesel	â€”	
Diethylene oxide	â€”	
Ethyl acetate	100	
Ethyl alcohol (ethanol)	96	
Frost protection agent	â€”	
Fuel, aromatic free	â€”	
Glycerine	100	
Hydrochloric acid (10%)	10	
Hydrochloric acid (concentrated)	â€”	
Isopropyl alcohol	100	
Methyl alcohol (methanol)	100	
Methyl ethyl ketone (MEK)	100	
Methylene chloride	100	
Mineral oils (aromatic free)	â€”	
Nitric acid (10%)	10	
Nitric acid (50%)	50	
Perchloroethylene	â€”	
Phenol, aqueous	9	
Phosphoric acid	50	
Premium fuel	â€”	
Sodium chloride, aqueous	â€”	
Sodium hydroxide solution (15%)	15	

Kemikalie	Konc.	Resultat
Sodium hydroxide solution (60%)	60	🟡
Sulphuric acid	96	🟢
Tetrahydrofuran (THF)	100	🟢
Toluene	100	🟢
Transformer oil	â€”	🟢
Trichloroethylene	100	🟢
Water	â€”	🟢
Xylene	â€”	🟢