

PPSU 50x3000 mm black

Artikelnr P1010435

1. Tekniskt datablad

Egenskap	V�rde	Enhet	Standard
Density	1.31	g/cm� ³	ISO 1183
Tensile Strength	80	MPa	ISO 527
Modulus of elasticity (tensile)	2350	MPa	ISO 527
Break Elongation	50	%	ISO 527
Melting point	220	�C	ISO 3146
Maximal operating temperature (short-term)	206	�C	UL746B
Maximum Operating Temperature	180	�C	
Minimum temperature	-50	�C	
Heat deflection temperature (HDT/A)	207	�C	ISO 75
Heat deflection temperature (HDT/B)	214	�C	ISO 75
Dielectric Strength	15	kV/mm	IEC 60243-1
Volume Resistivity	10� ¹⁴ � ³	��cm	IEC 60093
Dielectric Constant (1 MHz)	3.4	-	IEC 60250
Flexural Strength	105	MPa	ISO 178
Thermal Conductivity	0.35	W/(m�K)	DIN 52612
Surface Resistivity	10� ¹⁴ � ³	��	IEC 60093
Comparative Tracking Index (CTI)	125	V	IEC 60112
Water absorption to saturation	0.4	%	ISO 62
Water Absorption to Saturation	0.4	%	ISO 62
Notched impact strength (Charpy)	13	kJ/m� ²	ISO 179
Thermal Expansion Coefficient	0.56	10� ⁻⁶ /K	ISO 11359
Hardness Shore D	86	� Shore D	ISO 868
Ball pressure hardness	141	MPa	ISO 2039

2. Kemisk best ndighet

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Kemikalie	Konc.	Resultat
Acetone	100	●
Benzene	â€”	●
Butyl acetate	â€”	●
Citric acid	10	●
Cyclohexene	100	●
Diethylene oxide	â€”	●
Ethyl alcohol (ethanol)	96	●
Formaldehyde, aqueous	40	●
Fuel, aromatic free	â€”	●
Hydrochloric acid	10	●
Isopropyl alcohol	100	●
Methyl alcohol (methanol)	100	●
Methyl ethyl ketone (MEK)	100	●
Methylene chloride	100	●
Milk	â€”	●
Mineral oils (aromatic free)	â€”	●
Nitric acid (10%)	10	●
Sodium chloride, aqueous	â€”	●
Toluene	100	●
Transformer oil	â€”	●
Vinegar, standard	5 - 10	●
Water	â€”	●
Xylene	â€”	●