



PSU 10x1000 mm gul

Artikelnr P1010436

1. Tekniskt datablad

Egenskap	V�rde	Enhet	Standard
Density	1.24	g/cm����	ISO 1183
Tensile Strength	89	MPa	ISO 527
Modulus of elasticity (tensile)	2680	MPa	ISO 527
Breakdown Voltage	85	MPa	DIN EN ISO 527
Break Elongation	10	%	ISO 527
Melting point	188	����	ISO 3146
Maximal operating temperature (short-term)	160	����	UL746B
Heat deflection temperature (HDT/A)	169	����	ISO 75
Heat deflection temperature (HDT/B)	181	����	ISO 75
Dielectric Strength	42	kV/mm	IEC 60243-1
Volume Resistivity	10��������	��������	IEC 60093
Dielectric Constant (1 MHz)	3.1	-	IEC 60250
Dielectric loss factor (1 MHz)	0.0	-	IEC 60250
Thermal Conductivity	0.25	W/(m����)	ISO 22007-4
Surface Resistivity	10��������	����	IEC 60093
Comparative Tracking Index (CTI)	125	V	IEC 60112
Water absorption to saturation	0.8	%	ISO 62
Water Absorption to Saturation	0.3	%	ISO 62
Notched impact strength (Charpy)	2	kJ/m����	ISO 179-1/1eA
Impact Resistance (Charpy)	170	kJ/m����	ISO 179
Thermal Expansion Coefficient	0.55	10��������/K	ISO 11359
Hardness Shore D	87	���� Shore D	ISO 868
Ball pressure hardness	167	MPa	ISO 2039

2. Kemisk best  ndighet

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Kemikalie	Konc.	Resultat
Acetic acid	100	
Acetone	100	
Ammonia	â€”	
Benzene	â€”	
Butyl acetate	â€”	
Calcium chloride	â€”	
Carbon tetrachloride	â€”	
Chlorobenzene	100	
Chloroform	â€”	
Citric acid	10	
Cyclohexene	100	
Diesel	â€”	
Diethylene oxide	â€”	
Ethyl acetate	100	
Ethyl alcohol (ethanol)	96	
Food oil	â€”	
Frost protection agent	â€”	
Fuel (aromatic free)	â€”	
Fuel oil	â€”	
Glycerine	100	
Glycol	100	
Heptane	100	
Hydrochloric acid	10	
Hydrochloric acid (concentrated)	â€”	
Hydrofluoric acid	40	
Hydrogen peroxide	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	
Oxalic acid	â€”	

Kemikalie	Konc.	Resultat
Perchloroethylene	â€”	●
Phosphoric acid	50	●
Silicone oil	â€”	●
Sodium carbonate (aqueous)	â€”	●
Sodium chloride (aqueous)	â€”	●
Sodium hydroxide solution (60%)	60	●
Sodium hydroxide solution (caustic soda)	15	●
Sulphuric acid	96	●
Toluene	100	●
Transformer oil	â€”	●
Trichloroethylene	100	●
Vinegar (standard)	5-10	●
Water	â€”	●
Xylene	â€”	●