

# PSU 80x1000 mm gul

Artikelnr P1010443

## 1. Tekniskt datablad

Egenskap	V�rde	Enhet	Standard
Density	1.24	g/cm� <sup>3</sup>	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	�C	ISO 3146
Maximal operating temperature (short-term)	160	�C	UL746B
Heat deflection temperature (HDT/A)	169	�C	ISO 75
Heat deflection temperature (HDT/B)	181	�C	ISO 75
Dielectric Strength	42	kV/mm	IEC 60243-1
Volume Resistivity	10� <sup>14</sup> � <sup>3</sup>	��cm	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�K)	ISO 22007-4
Surface Resistivity	10� <sup>14</sup> � <sup>3</sup>	��	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� <sup>2</sup>	ISO 179-1/1eA
Impact Resistance (Charpy)	170	kJ/m� <sup>2</sup>	ISO 179
Thermal Expansion Coefficient	0.55	10� <sup>-6</sup> /K	ISO 11359
Hardness Shore D	87	� Shore D	ISO 868
Ball pressure hardness	167	MPa	ISO 2039

## 2. Kemisk best ndighet

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

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€”	●