PEEK+PTFE 40x3000 mm beige

Artikelnr P1501496

1. Tekniskt datablad

Egenskap	VÃ¤rde	Enhet	Standard
Density	1.31	g/cmÂ³	ISO 1183
Modulus of elasticity (tensile)	4400	MPa	ISO 527-2
Break Elongation	20	%	ISO 527-2
Melting point	340	Â°C	ISO 3146
Maximal operating temperature (short-term)	310	Â°C	
Maximum Operating Temperature	200	Â°C	
Heat deflection temperature (HDT/A)	160	Â°C	ISO 75-2
Dielectric Strength	24	kV/mm	IEC 60243-1
Volume Resistivity	10Â¹â´	Î©Â·cm	IEC 60093
Dielectric Constant (1 MHz)	3.6	-	IEC 60250
Dielectric Constant (100 Hz)	3.2	-	IEC 60250
Dielectric loss factor (1 MHz)	0.0	-	IEC 60250
Dielectric loss factor (100 Hz)	0.0	-	IEC 60250
Flexural Strength	110	MPa	ISO 527-2
Thermal Conductivity	0.25	W/(mÂ·K)	DIN 52612
Surface Resistivity	10Â¹Â³	Î©	IEC 60093
Comparative Tracking Index (CTI)	150	V	IEC 60112
Water absorption to saturation	0.2	%	ISO 62
Water Absorption to Saturation	0.45	%	ISO 62
Notched impact strength (Charpy)	3.5	kJ/mÂ²	ISO 179/1eA
Thermal Expansion Coefficient	0.5	10â»â´/K	ISO 11359
Ball pressure hardness	230	MPa	ISO 2039-1

2. Kemisk bestÃ¤ndighet

🟢 BestÃ¤ndig 🟡 Delvis bestÃ¤ndig 🔴 Ej bestÃ¤ndig

Kemikalie	Konc.	Resultat

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1,4-Dioxane	100	🟢
2-Hydroxypropionic Acid	90	🟢
Acetic Acid	100	🟢
Acetone	100	🟢
Ammonia	â€”	🟢
Ammonium Chloride	â€”	🟢
Amyl Alcohol	â€”	🟢
Apple Juice	â€”	🟢
Benzene	â€”	🟢
Bleaching Solution	â€”	🟢
Boric Acid	100	🟢
Brake Fluid	â€”	🟢
Butyl Acetate	â€”	🟢
Calcium Chloride	â€”	🟢
Carbon Disulfide	100	🟢
Carbon Tetrachloride	â€”	🟢
Chlorine (gas)	100	🟢
Chlorobenzene	100	🟢
Chloroform	â€”	🟢
Citric Acid	10	🟢
Cresol	â€”	🟢
Cyclohexanone	100	🟢
Cyclohexene	100	🟢
Diesel Fuel	â€”	🟢
Diethylene Oxide	â€”	🟢
Ethyl Acetate	100	🟢
Ethyl Alcohol	96	🟢
Ethylene Chloride	100	🟢
Food Oil	â€”	🟢
Formaldehyde (aqueous)	40	🟢
Formic Acid	10	🟡
Frost Protection Agent	â€”	🟢
Fuel, aromatic free	â€”	🟢
Glycerine	100	🟢
Glycol	100	🟢

Kemikalie	Konc.	Resultat
Heating Oil	â€”	🟢
Heptane	100	🟢
Hydrochloric Acid	10	🟢
Hydrochloric Acid (concentrated)	â€”	🟡
Hydrofluoric Acid	40	🔴
Hydrogen Peroxide	10	🟢
Hydrogen Sulfide (aqueous)	â€”	🟢
Isopropyl Alcohol	100	🟢
Linseed Oil	â€”	🟢
Mercurochrome	â€”	🟡
Methyl Alcohol	100	🟢
Methyl Ethyl Ketone (MEK)	100	🟢
Methylene Chloride	100	🟢
Milk	â€”	🟢
Mineral Oils (aromatic free)	â€”	🟢
Nitric Acid	10	🟢
Nitric Acid	50	🟢
Nitrobenzene	â€”	🟢
Oxalic Acid	â€”	🟢
Ozone Gas	â€”	🟢
Paraffine Oil	100	🟢
Perchloroethylene	â€”	🟢
Petroleum	100	🟢
Petroleum Ether	100	🟢
Phenol (aqueous)	9	🟢
Phosphoric Acid	50	🟢
Potassium Hydroxide liquor	50	🟢
Premium Fuel	â€”	🟢
Propyl Alcohol	â€”	🟢
Pyridine	â€”	🟢
Silicone Oil	â€”	🟢
Sodium Carbonate (aqueous)	â€”	🟢
Sodium Chloride (aqueous)	â€”	🟢
Sodium Hydrogen Sulfite	â€”	🟢
Sodium Hydroxide liquor	15	🟢

Kemikalie	Konc.	Resultat
Sodium Hydroxide liquor	60	🟢
Sodium Nitrate (aqueous)	â€”	🟢
Sodium Thiosulfate	â€”	🟢
Sulfuric Acid	96	🔴
Tetrahydrofuran (THF)	100	🟢
Toluene	100	🟢
Transformer Oil	â€”	🟢
Trichloroethylene	100	🟢
Vinegar (standard)	5-10	🟢
Water	â€”	🟢
Xylene	â€”	🟢