



PEEK+PTFE 100x3000 mm beesi

Artikelnr P1501505

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Tiheys	1.31	g/cm³	ISO 1183
Joustavuusmoduli (vetolujuus)	4400	MPa	ISO 527-2
Murtovenymä	20	%	ISO 527-2
Sulamispiste	340	°C	ISO 3146
Maksimaalinen käyttölämpötila (lyhytaikainen)	310	°C	
Maksimi käyttölämpötila	200	°C	
Lämpökestävä (HDT/A)	160	°C	ISO 75-2
Dielektrinen voimakkuus	24	kV/mm	IEC 60243-1
Tilavuusresistanssi	10¹¹ Ω	Ω·cm	IEC 60093
Dielektrinen vakio (1 MHz)	3.6	-	IEC 60250
Dielektrinen vakio (100 Hz)	3.2	-	IEC 60250
Dielektrinen hajoamiskerroin (1 MHz)	0.0	-	IEC 60250
Dielektrinen hajoamiskerroin (100 Hz)	0.0	-	IEC 60250
Taivutuslujuus	110	MPa	ISO 527-2
Lämpöjohtavuus	0.25	W/(m·K)	DIN 52612
Pintaresistanssi	10¹¹ Ω	Ω	IEC 60093
Vertailukemisindeksi (CTI)	150	V	IEC 60112
Imeytymisen maksimointi	0.2	%	ISO 62
Vesihaku kyllästymiseen	0.45	%	ISO 62
Särkyäkesto (Charpy)	3.5	kJ/m²	ISO 179/1eA
Lämpölaajenemiskerroin	0.5	10⁻⁵ /K	ISO 11359
Kulmapaineen kovuus	230	MPa	ISO 2039-1

2. Kemisk beständighet

Beständig Delvis beständig Ej beständig

Kemikalie	Konc.	Resultat
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Kemikalie	Konc.	Resultat
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€”	●