



PTFE 140x2000 mm natural

Artikelnr P1201006

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Density	2.1	g/cm³	ASTM D1457
Tensile Strength	22	MPa	ASTM D4894
Modulus of elasticity (tensile)	750	MPa	ISO 527
Breakdown Voltage	18	MPa	ASTM D1457
Break Elongation	300	%	ASTM D1457
Maximal operating temperature (short-term)	260	°C	
Maximum Operating Temperature	260	°C	
Minimum temperature	-200	°C	
Volume Resistivity	10¹¹	Î··cm	ASTM D257
Flexural Strength	6	MPa	ISO 178
Notched impact strength (Charpy)	16	kJ/m²	ISO 179
Hardness Shore D	58.5	° Shore D	ASTM D1706
Ball pressure hardness	45	MPa	ISO 2039

2. Kemisk beständighet

Beständig Delvis beständig Ej beständig

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€	

Kemikalie	Konc.	Resultat
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	
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€”	

Kemikalie	Konc.	Resultat
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%)	50	●
Nitrobenzene	â€”	●
Oxalic Acid	â€”	●
Ozone Gas	â‰‰ 0.5 ppm	●
Paraffine Oil	100	●
Perchloroethylene	â€”	●
Petroleum	100	●
Petroleum Ether	100	●
Phenol (aqueous)	ca. 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	●
Sodium Hydroxide liquor (60)	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	●

Kemikalie		Konc.	Resultat
Water	â€”		●
Xylene	â€”		●