

ECTFE 20000x1500x3 mm luonnollinen

Artikelnr P2202728

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Tiheys	1.65	g/cm ³	DIN EN ISO 1183-1
Venymisrajan jännitys	30.8	MPa	DIN EN ISO 527
Joustavuusmoduli (vetolujuus)	1640	MPa	DIN EN ISO 527
Murtovenymä	50	%	DIN EN ISO 527
Maksimaalinen käyttölämpötila (lyhytaikainen)	156	°C	
Maksimi käyttölämpötila	150	°C	
Alin lämpötila	-40	°C	
Vicat-pehmenemislämpötila (VST/B/50)	118	°C	DIN EN ISO 306
Dielektrinen voimakkuus	23	kV/mm	DIN IEC 60243-1
Lämmönjohtavuus	0.15	W/(m·K)	DIN 52612-1
Pintaresistanssi	~10 ¹¹ Ω	Ω	DIN EN 61340
Särkyäkesto (Charpy)	100	kJ/m ²	DIN EN ISO 179-1eA
Lämpölaajenemiskerroin	1	10 ⁻⁶ /K	ISO 11359-2
Kovuus Shore D	72.25	° Shore D	DIN EN ISO 868
Kulmapaineen kovuus	56	MPa	DIN EN ISO 2039-1

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€	●

Kemikalie	Konc.	Resultat
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	●
Heating Oil	â€”	●
Heptane	100	●
Hydrochloric Acid	10	●
Hydrochloric Acid (concentrated)	â€”	●
Hydrofluoric Acid	40	●
Hydrogen Peroxide	10	●
Hydrogen Sulfide (aqueous)	â€”	●

Kemikalie	Konc.	Resultat
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%)	50	●
Nitrobenzene	â€”	●
Oxalic Acid	â€”	●
Ozone Gas	â‰ƒ 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€”	●

Kemikalie	Konc.	Resultat
Trichloroethylene	100	●
Vinegar (standard)	5 - 10	●
Water	â€”	●
Xylene	â€”	●