



ECTFE 3000x1500x5 mm luonnollinen

Artikelnr P2202724

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Tiheys	1.65	g/cm³	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	~10¹¹	Ω	DIN EN 61340
Särkyäkesto (Charpy)	100	kJ/m²	DIN EN ISO 179-1eA
Lämpölaajenemiskerroin	1	10⁻⁵ /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	Delvis beständig
2-Hydroxypropionic Acid	90	Beständig
Acetic Acid	100	Beständig
Acetone	100	Beständig
Ammonia	â€	Beständig
Ammonium Chloride	â€	Beständig
Amyl Alcohol	â€	Beständig

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‰‰ 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€”	●