



PVDF 3000x500x50 mm natural

Artikelnr P1010740

1. Tekniskt datablad

Egenskap	V�rde	Enhet	Standard
Densidad	1.78	g/cm����	ISO1183
L�mite de resistencia a la tracci����n	40	MPa	ISO 527
M��dulo de elasticidad (tracci����n)	2200	MPa	ISO527-2
Resistencia a la tensi����n	46	MPa	ISO 527
Deformaci����n a la rotura	17	%	ISO527-2
Punto de fusi����n	171	����	ISO11357
Temperatura de servicio m��xima (corto plazo)	142	����	UL746B
Temperatura de funcionamiento m��xima	130	����	UL746B
Temperatura m��nima	-26	����	
Deformaci����n t��rmica (HDT/A)	104	����	ISO 75
Deformaci����n t��rmica (HDT/B)	145	����	ISO 75
Temperatura de ablandamiento Vicat (VST/B/50)	138	����	ISO 306
Fuerza diel����trica	27	kV/mm	IEC 60243-1
Resistividad volum����trica	10��������	��������	IEC 60093
Constante diel����trica (1 MHz)	7.7	-	IEC 60250
Factor de p��rdida diel����trica (1 MHz)	0.1	-	IEC 60250
Resistencia a la flexi����n	62	MPa	ISO527-2
Conductividad t��rmica	0.25	W/(m������)	DIN22007-4
Resistencia superficial	10��������	����	IEC60093
��ndice de seguimiento comparativo (CTI)	600	V	IEC 60112
Absorci����n de agua hasta la saturaci����n	0.15	%	ISO62
Absorci����n de agua hasta la saturaci����n	0.35	%	ISO62
Resistencia al impacto con entalla (Charpy)	8	kJ/m����	ISO 179
Resistencia al impacto (Charpy)	150	kJ/m����	ISO179/1eU
Coeficiente de expansi����n t��rmica	1.6	10��������/K	ISO11359
Dureza Shore D	80	���� Shore D	ISO868

Egenskap	V�rde	Enhet	Standard
Dureza a la presi�n de bala	120	MPa	ISO 2039

2. Kemisk best ndighet

● Best ndig ● Delvis best ndig ● Ej best ndig

Kemikalie	Konc.	Resultat
1,4-Dioxane	100	●
2-Hydroxypropionic acid (lactic acid)	90	●
Acetic acid	100	●
Acetone	100	●
Ammonia	��	●
Ammonium chloride	��	●
Amyl alcohol	��	●
Apple juice	��	●
Benzene	��	●
Bleaching solution	��	●
Boric acid	100	●
Brake fluid	��	●
Butyl acetate	��	●
Calcium chloride	��	�
Carbon disulphide	100	�
Carbon tetrachloride	��	�
Chlorine (gas)	100	�
Chlorobenzene	100	�
Chloroform	��	�
Citric acid	10	�
Cresol	��	�
Cyclohexanone	100	�
Cyclohexene	100	�
Diesel	��	�
Diethylene oxide	��	�
Ethyl acetate	100	�
Ethyl alcohol (ethanol)	96	�
Ethylene chloride	100	�
Food oil	��	�
Formaldehyde (aqueous)	40	�

Kemikalie	Konc.	Resultat
Formic acid	10	●
Frost protection agent	â€”	●
Fuel oil	â€”	●
Fuel, aromatic free	â€”	●
Glycerine	100	●
Glycol	100	●
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 (methanol)	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	●
Paraffin oil	100	●
Perchloroethylene	â€”	●
Petroleum	100	●
Phenol (aqueous)	ca. 9	●
Phosphoric acid	50	●
Potassium hydroxide solution	50	●
Premium fuel	â€”	●
Propyl alcohol	â€”	●
Pyridine	â€”	●

Kemikalie	Konc.	Resultat
Silicone oil	â€”	●
Sodium carbonate (aqueous)	â€”	●
Sodium chloride (aqueous)	â€”	●
Sodium hydrogen sulfite	â€”	●
Sodium hydroxide solution (60%)	60	●
Sodium hydroxide solution (caustic soda)	15	●
Sodium nitrate (aqueous)	â€”	●
Sodium thiosulfate	â€”	●
Sulphuric acid	96	●
Tetrahydrofuran (THF)	100	●
Toluene	100	●
Transformer oil	â€”	●
Trichloroethylene	100	●
Vinegar (standard)	5 - 10	●
Water	â€”	●
Xylene	â€”	●