PVDF 60x3000 mm negro

Artikelnr P1010552

1. Tekniskt datablad

Egenskap	VÃ¤rde	Enhet	Standard
Densidad	1.78	g/cmÂ³	ISO1183
LÃmite de resistencia a la tracciÃ³n	40	MPa	ISO 527
MÃ³dulo de elasticidad (tracciÃ³n)	2200	MPa	ISO527-2
Resistencia a la tensiÃ³n	46	MPa	ISO 527
DeformaciÃ³n a la rotura	17	%	ISO527-2
Punto de fusiÃ³n	171	Â°C	ISO11357
Temperatura de servicio mÃ¡xima (corto plazo)	142	Â°C	UL746B
Temperatura de funcionamiento mÃ¡xima	130	Â°C	UL746B
Temperatura mÃnima	-26	Â°C	
DeformaciÃ³n tÃ©rmica (HDT/A)	104	Â°C	ISO 75
DeformaciÃ³n tÃ©rmica (HDT/B)	145	Â°C	ISO 75
Temperatura de ablandamiento Vicat (VST/B/50)	138	Â°C	ISO 306
Fuerza dielÃ©ctrica	27	kV/mm	IEC 60243-1
Resistividad volumÃ©trica	10Â¹Â³	Î©Â·cm	IEC 60093
Constante dielÃ©ctrica (1 MHz)	7.7	-	IEC 60250
Factor de pÃ©rdida dielÃ©ctrica (1 MHz)	0.1	-	IEC 60250
Resistencia a la flexiÃ³n	62	MPa	ISO527-2
Conductividad tÃ©rmica	0.25	W/(mÂ·K)	DIN22007-4
Resistencia superficial	10Â¹â´	Î©	IEC60093
Ãndice de seguimiento comparativo (CTI)	600	V	IEC 60112
AbsorciÃ³n de agua hasta la saturaciÃ³n	0.15	%	ISO62
AbsorciÃ³n de agua hasta la saturaciÃ³n	0.35	%	ISO62
Resistencia al impacto con entalla (Charpy)	8	kJ/mÂ²	ISO 179
Resistencia al impacto (Charpy)	150	kJ/mÂ²	ISO179/1eU
Coeficiente de expansiÃ³n tÃ©rmica	1.6	10â»â´/K	ISO11359
Dureza Shore D	80	Â° Shore D	ISO868

Egenskap	VÃ¤rde	Enhet	Standard
Dureza a la presiÃ³n de bala	120	MPa	ISO 2039

2. Kemisk bestÃ¤ndighet

🟢 BestÃ¤ndig 🟡 Delvis bestÃ¤ndig 🔴 Ej bestÃ¤ndig

Kemikalie	Konc.	Resultat
1,4-Dioxane	100	🟡
2-Hydroxypropionic acid (lactic 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 disulphide	100	🟢
Carbon tetrachloride	â€”	🟢
Chlorine (gas)	100	🟢
Chlorobenzene	100	🟢
Chloroform	â€”	🟢
Citric acid	10	🟢
Cresol	â€”	🟢
Cyclohexanone	100	🟢
Cyclohexene	100	🟢
Diesel	â€”	🟢
Diethylene oxide	â€”	🟢
Ethyl acetate	100	🟢
Ethyl alcohol (ethanol)	96	🟢
Ethylene chloride	100	🟢
Food oil	â€”	🟢
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€”	🟢