

PE-1000 2000x1000x12 mm verde

Artikelnr P2200719

1. Tekniskt datablad

Egenskap	V�rde	Enhet	Standard
Densidad	0.95	g/cm���	ISO 1183
L�mite de resistencia a la tracci��n	17	MPa	ISO 527
M�dulo de elasticidad (tracci��n)	800	MPa	DIN EN ISO 527-1/2
Resistencia a la tensi��n	40	MPa	ISO 527
Deformaci��n a la rotura	200	%	ISO 527
Punto de fusi��n	135	��C	ISO 3146
Temperatura de servicio m�xima (corto plazo)	100	��C	
Temperatura de funcionamiento m�xima	64	��C	
Temperatura m�nima	-214	��C	UL746B
Deformaci��n t�rmica (HDT/A)	42	��C	ISO 75
Deformaci��n t�rmica (HDT/B)	65	��C	ISO 75
Temperatura de ablandamiento Vicat (VST/B/50)	79	��C	DIN EN ISO 306
Fuerza diel��ctrica	45	kV/mm	IEC 60243-1
Resistividad volum��trica	1	���	IEC 60093
Constante diel��ctrica (1 MHz)	2.3	-	IEC 60250
Constante diel��ctrica (100 Hz)	2.55	-	IEC 60250
Factor de p�rdida diel��ctrica (1 MHz)	0.0	-	IEC 60250
Factor de p�rdida diel��ctrica (100 Hz)	0.0	-	IEC 60250
Clasificaci��n de resistencia al fuego (UL 94)	3		UL 94
Resistencia a la flexi��n	17	MPa	ISO 527-2
Conductividad t�rmica	0.4	W/(m��K)	DIN 52612
Resistencia superficial	10����	��	IEC 60093
�ndice de seguimiento comparativo (CTI)	600	V	IEC 60112
Absorci��n de agua hasta la saturaci��n	0.01	%	
Absorci��n de agua hasta la saturaci��n	0.01	%	ISO 62
Resistencia al impacto con entalla (Charpy)	80	kJ/m���	ISO 11542-2

Egenskap	V�rde	Enhet	Standard
Resistencia al impacto (Charpy)	80	kJ/m��	DIN EN ISO 179-1/2
Coeficiente de expansi�n t�rmica	2	10��/K	ISO 11359
Dureza Shore D	60	�� Shore D	shore D
Dureza a la presi�n de bala	34	MPa	ISO 2039-1
Tensi�n de fluencia al 1% de elongaci�n	24	MPa	ISO 178

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	��	●
Benzene	��	●
Boric acid	100	●
Brake fluid	��	●
Butyl acetate	��	●
Calcium chloride	��	●
Citric acid	10	●
Cresol	��	●
Cyclohexanone	100	●
Cyclohexene	100	●
Diesel	��	●
Ethyl acetate	100	●
Ethyl alcohol (ethanol)	96	●
Food oil	��	●
Formaldehyde, aqueous	40	●
Formic acid	10	●
Frost protection agent	��	●
Fuel oil	��	●
Fuel, aromatic free	��	●
Glycerine	100	●

Kemikalie	Konc.	Resultat
Glycol	100	●
Heptane	100	●
Hydrochloric acid	10	●
Hydrochloric acid (concentrated)	â€”	●
Hydrogen peroxide	10	●
Isopropyl alcohol	100	●
Linseed oil	â€”	●
Mercurochrome	â€”	●
Methyl alcohol (methanol)	100	●
Methylene chloride	100	●
Milk	â€”	●
Mineral oils, aromatic free	â€”	●
Nitric acid	50	●
Nitric acid	10	●
Nitrobenzene	â€”	●
Oxalic acid	â€”	●
Ozone (gas)	â‰¥ 0.5 ppm	●
Paraffin oil	100	●
Perchloroethylene	â€”	●
Petroleum ether	100	●
Phenol, aqueous	ca. 9	●
Phosphoric acid	50	●
Potassium hydroxide solution	50	●
Premium fuel	â€”	●
Propyl alcohol	â€”	●
Silicone oil	â€”	●
Sodium carbonate, aqueous	â€”	●
Sodium chloride, aqueous	â€”	●
Sodium hydrogen sulfite	â€”	●
Sodium hydroxide solution (caustic soda)	60	●
Sodium hydroxide solution (caustic soda)	15	●
Sodium nitrate, aqueous	â€”	●
Sodium thiosulfate	â€”	●
Sulphuric acid	96	●

Kemikalie	Konc.	Resultat
Transformer oil	â€”	●
Vinegar, standard	5 - 10	●
Water	â€”	●
Xylene	â€”	●