

POM CGL 140/80x1000 mm azul

Artikelnr P1008226

1. Tekniskt datablad

Egenskap	VÄrde	Enhet	Standard
Densidad	1.24	g/cm ³	ASTM D792
L�mite de resistencia a la tracci�n	51	MPa	DIN EN ISO 527-2
M�dulo de elasticidad (tracci�n)	1200	MPa	ASTM D790
Resistencia a la tensi�n	76.5	MPa	ISO 527
Deformaci�n a la rotura	300	%	ASTM D638
Punto de fusi�n	222	�C	ISO 3146
Temperatura de servicio m�xima (corto plazo)	129	�C	UL746B
Temperatura de funcionamiento m�xima	90	�C	
Temperatura m�nima	-46.25	�C	
Deformaci�n t�rmica (HDT/A)	105	�C	ASTM D648
Deformaci�n t�rmica (HDT/B)	155	�C	ISO 75
Temperatura de ablandamiento Vicat (VST/B/50)	50	�C	ISO 306
Fuerza diel�ctrica	85	kV/mm	IEC 60243-1
Resistividad volum�trica	10 ¹⁴	�m	IEC 60093
Constante diel�ctrica (1 MHz)	3.7	-	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)	60695		UL 94
Resistencia a la flexi�n	58	MPa	ASTM D638
Conductividad t�rmica	0.3	W/(m�K)	DIN 52612
Resistencia superficial	10 ¹⁴	�m	IEC 60093
�ndice de seguimiento comparativo (CTI)	600	V	IEC 60112
Absorci�n de agua hasta la saturaci�n	2.2	%	ASTM D955
Absorci�n de agua hasta la saturaci�n	0.5	%	ASTM D570
Resistencia al impacto con entalla (Charpy)	6	kJ/m ²	DIN EN ISO 179-1
Resistencia al impacto (Charpy)	19	kJ/m ²	ISO 179/1eU

Egenskap	VÄrde	Enhet	Standard
Coeficiente de expansi3n t3rmica	0.4	103/°K	ISO 11359
Dureza Shore D	83	3 Shore D	ISO 868
Dureza a la presi3n de bala	230	MPa	ISO 2039-1

2. Kemisk best3ndighet

● Best3ndig
 ● Delvis best3ndig
 ● Ej best3ndig

Kemikalie	Konc.	Resultat
1,4-Dioxane	100%	●
2-Hydroxypropionic Acid	90%	●
Acetic Acid	100%	●
Acetone	100%	●
Ammonia	conc.	●
Ammonium Chloride	3	●
Amyl Alcohol	3	●
Apple Juice	3	●
Benzene	3	●
Bleaching Solution	12.5 cl	●
Boric Acid	100%	●
Brake Fluid	3	●
Butyl Acetate	3	●
Calcium Chloride	3	●
Carbon Disulfide	100%	●
Carbon Tetrachloride	3	●
Chlorine (gas)	100%	●
Chlorobenzene	100%	●
Chloroform	3	●
Citric Acid	10%	●
Cresol	3	●
Cyclohexanone	100%	●
Cyclohexene	100%	●
Diesel Fuel	3	●
Diethylene Oxide	3	●
Ethyl Acetate	100%	●
Ethyl Alcohol	96%	●

Kemikalie	Konc.	Resultat
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)	conc.	●
Hydrofluoric Acid	40%	●
Hydrogen Peroxide	10%	●
Hydrogen Sulfide, aqueous solution	â€”	●
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%	●

Kemikalie	Konc.	Resultat
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%)	15%	●
Sodium Hydroxide liquor (60%)	60%	●
Sodium Nitrate, aqueous	â€”	●
Sodium Thiosulfate	â€”	●
Sulfuric Acid	96%	●
Tetrahydrofuran, THF	100%	●
Toluene	100%	●
Transformer Oil	â€”	●
Trichloroethylene	100%	●
Vinegar, standard	5-10%	●
Water	â€”	●
Xylene	â€”	●