



POM H 125x1000 mm natural

Artikelnr P1008639

Material POM

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Densidad	3	g/cm ³	DIN EN ISO 1183-1
Límite de resistencia a la tracción	53	MPa	DIN EN ISO 527-2
Módulo de elasticidad (tracción)	3000	MPa	DIN EN ISO 527-2
Deformación a la rotura	8	%	DIN EN ISO 527-2
Punto de fusión	179	°C	DIN EN ISO 11357
Temperatura de servicio máxima (corto plazo)	150	°C	
Temperatura de funcionamiento máxima	110	°C	
Deformación térmica (HDT/A)	141	°C	
Temperatura de ablandamiento Vicat (VST/B/50)	90	°C	DIN EN ISO 306
Fuerza dieléctrica	23	kV/mm	ISO 60243-1
Resistividad volumétrica	10 ¹⁴	Ω	DIN EN 62631-3-1
Constante dieléctrica (1 MHz)	2.4	-	IEC 60250
Clasificación de resistencia al fuego (UL 94)	60695		UL 94
Resistencia a la flexión	53	MPa	DIN EN ISO 527-2
Conductividad térmica	0.46	W/(m·K)	ISO 22007-4
Resistencia superficial	10 ¹⁴	Ω	DIN EN 62631-3-2
Absorción de agua hasta la saturación	0.1	%	DIN EN ISO 62
Resistencia al impacto con entalla (Charpy)	25	kJ/m ²	DIN EN ISO 179-1
Resistencia al impacto (Charpy)	2	kJ/m ²	DIN EN ISO 179-1
Coefficiente de expansión térmica	23	10 ⁻⁴ /K	DIN EN ISO 11359-1
Dureza Shore D	81	° Shore D	DIN EN ISO 868

2. Kemisk beständighet

● Beständig ● Delvis beständig ● Ej beständig

Kemikalie

Konc.

Resultat

Kemikalie	Konc.	Resultat
1,4-Dioxane	100%	●
2-Hydroxypropionic Acid	90%	●
Acetic Acid	100%	●
Acetone	100%	●
Ammonia	conc.	●
Ammonium Chloride	-	●
Amyl Alcohol	-	●
Apple Juice	-	●
Benzene	-	●
Bleaching Solution	12.5 cl	●
Boric Acid	100%	●
Brake Fluid	-	●
Butyl Acetate	-	●
Calcium Chloride	-	●
Carbon Disulfide	100%	●
Carbon Tetrachloride	-	●
Chlorine (gas)	100%	●
Chlorobenzene	100%	●
Chloroform	-	●
Citric Acid	10%	●
Cresol	-	●
Cyclohexanone	100%	●
Cyclohexene	100%	●
Diesel Fuel	-	●
Diethylene Oxide	-	●
Ethyl Acetate	100%	●
Ethyl Alcohol	96%	●
Ethylene Chloride	100%	●
Food Oil	-	●
Formaldehyde, aqueous	40%	●
Formic Acid	10%	●
Frost Protection Agent	-	●
Fuel, aromatic free	-	●
Glycerine	100%	●
Glycol	100%	●

Kemikalie	Konc.	Resultat
Heating Oil	-	●
Heptane	100%	●
Hydrochloric Acid	10%	●
Hydrochloric Acid (concentrated)	conc.	●
Hydrofluoric Acid	40%	●
Hydrogen Peroxide	10%	●
Hydrogen Sulfide, aqueous solution	-	●
Isopropyl Alcohol	100%	●
Linseed Oil	-	●
Mercurochrome	-	●
Methyl Alcohol	100%	●
Methyl Ethyl Ketone (MEK)	100%	●
Methylene Chloride	100%	●
Milk	-	●
Mineral Oils (aromatic free)	-	●
Nitric Acid	10%	●
Nitric Acid (50%)	50%	●
Nitrobenzene	-	●
Oxalic Acid	-	●
Ozone Gas	≤0.5 ppm	●
Paraffine Oil	100%	●
Perchloroethylene	-	●
Petroleum	100%	●
Petroleum Ether	100%	●
Phenol, aqueous	ca. 9%	●
Phosphoric Acid	50%	●
Potassium Hydroxide liquor	50%	●
Premium Fuel	-	●
Propyl Alcohol	-	●
Pyridine	-	●
Silicone Oil	-	●
Sodium Carbonate, aqueous	-	●
Sodium Chloride, aqueous	-	●
Sodium Hydrogen Sulfite	-	●

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