

POM H 56x1000 mm natur

Artikelnr P1008627

1. Tekniskt datablad

Egenskap	Värde	Enhet	Teststandard
Densitet	3	g/cm ³	DIN EN ISO 1183-1
Fuktabsorption till mättnad	0.1	%	DIN EN ISO 62
Sträckgränsspänning	53	MPa	DIN EN ISO 527-2
Elasticitetsmodul (drag)	3000	MPa	DIN EN ISO 527-2
Brottöjning	8	%	DIN EN ISO 527-2
Böjhållfasthet	53	MPa	DIN EN ISO 527-2
Skårad slagseghet (Charpy)	25	kJ/m ²	DIN EN ISO 179-1
Slagseghet (Charpy)	2	kJ/m ²	DIN EN ISO 179-1
Hårdhet Shore D	81	° Shore D	DIN EN ISO 868
Smältpunkt	179	°C	DIN EN ISO 11357
Maximal drifttemperatur (korttid)	150	°C	
Maximal drifttemperatur	110	°C	
Värmeförvrängning (HDT/A)	141	°C	
Vicat mjukningstemperatur (VST/B/50)	90	°C	DIN EN ISO 306
Termisk konduktivitet	0.46	W/(m·K)	ISO 22007-4
Termisk utvidningskoefficient	23	10 ⁻⁴ /K	DIN EN ISO 11359-1
Dielektrisk styrka	23	kV/mm	ISO 60243-1
Volymresistivitet	10 ¹⁴	Ω	DIN EN 62631-3-1
Dielektrisk konstant (1 MHz)	2.4	-	IEC 60250
Ytresistivitet	10 ¹⁴	Ω	DIN EN 62631-3-2
Brandklassning (UL 94)	60695		UL 94

2. Kemisk beständighet

● Beständig ● Delvis beständig ● Ej beständig

Kemikalie	Koncentration	Beständ.
1,4-Dioxan	100%	●
2-Hydroxypropionic Acid	90%	●
Acetic Acid	100%	●
Aceton	100%	●
Ammoniak	conc.	●
Ammonium Chloride	–	●
Amyl Alcohol	–	●
Apple Juice	–	●
Bensen	–	●
Bleaching Solution	12.5 cl	●
Boric Acid	100%	●
Brake Fluid	–	●
Bränsle, aromatfritt	–	●
Butyl Acetate	–	●
Calcium Chloride	–	●
Carbon Disulfide	100%	●
Carbon Tetrachloride	–	●
Citric Acid	10%	●
Cyklohexanon	100%	●
Cyklohexen	100%	●
Diesel Fuel	–	●
Diethylene Oxide	–	●
Ethyl Acetate	100%	●
Ethyl Alcohol	96%	●
Ethylene Chloride	100%	●
Fenol, vattenl.	ca. 9%	●
Food Oil	–	●
Formaldehyd, vattenl.	40%	●
Formic Acid	10%	●
Frost Protection Agent	–	●
Glycerin	100%	●
Glykol	100%	●

Kemikalie	Koncentration	Beständ.
Heating Oil	–	●
Heptan	100%	●
Hydrochloric Acid	10%	●
Hydrochloric Acid (concentrated)	conc.	●
Hydrofluoric Acid	40%	●
Hydrogen Peroxide	10%	●
Hydrogen Sulfide, aqueous solution	–	●
Isopropyl Alcohol	100%	●
Klor (gas)	100%	●
Klorbensen	100%	●
Kloroform	–	●
Kresol	–	●
Linseed Oil	–	●
Merkurokrom	–	●
Methyl Alcohol	100%	●
Methyl Ethyl Ketone (MEK)	100%	●
Methylene Chloride	100%	●
Mineral Oils (aromatic free)	–	●
Mjök	–	●
Nitric Acid	10%	●
Nitric Acid (50%)	50%	●
Nitrobensen	–	●
Oxalic Acid	–	●
Ozone Gas	≤0.5 ppm	●
Paraffine Oil	100%	●
Perkloretylen	–	●
Petroleum	100%	●
Petroleum Ether	100%	●
Phosphoric Acid	50%	●
Potassium Hydroxide liquor	50%	●
Premium Fuel	–	●
Propyl Alcohol	–	●

Kemikalie	Koncentration	Beständ.
Pyridin	–	●
Silicone Oil	–	●
Sodium Carbonate, aqueous	–	●
Sodium Chloride, aqueous	–	●
Sodium Hydrogen Sulfite	–	●
Sodium Hydroxide liquor (15%)	15%	●
Sodium Hydroxide liquor (60%)	60%	●
Sodium Nitrate, aqueous	–	●
Sodium Thiosulfate	–	●
Sulfuric Acid	96%	●
Tetrahydrofuran, THF	100%	●
Toluen	100%	●
Transformer Oil	–	●
Trikloretan	100%	●
Vatten	–	●
Xylen	–	●
Ättika, standard	5-10%	●