

Rundstång i POM H 32x1000 mm svart

Artikelnr P1008560

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Densitet	3	g/cm ³	DIN EN ISO 1183-1
Sträckgränspänning	53	MPa	DIN EN ISO 527-2
Elasticitetsmodul (drag)	3000	MPa	DIN EN ISO 527-2
Brottåkning	8	%	DIN EN ISO 527-2
Smältpunkt	179	°C	DIN EN ISO 11357
Maximal drifttemperatur (korttid)	150	°C	
Maximal drifttemperatur	110	°C	
Värmeutvidgning (HDT/A)	141	°C	
Vicat mjukningstemperatur (VST/B/50)	90	°C	DIN EN ISO 306
Dielektrisk styrka	23	kV/mm	ISO 60243-1
Volymresistivitet	10 ¹⁴ Ω·m	Ω	DIN EN 62631-3-1
Dielektrisk konstant (1 MHz)	2.4	-	IEC 60250
Brandklassning (UL 94)	60695		UL 94
Bärkraftfasthet	53	MPa	DIN EN ISO 527-2
Termisk konduktivitet	0.46	W/(m·K)	ISO 22007-4
Ytresistivitet	10 ¹⁴ Ω·m	Ω	DIN EN 62631-3-2
Fuktabsorption till mättnad	0.1	%	DIN EN ISO 62
Skårad slagseghet (Charpy)	25	kJ/m ²	DIN EN ISO 179-1
Slagseghet (Charpy)	2	kJ/m ²	DIN EN ISO 179-1
Termisk utvidningskoefficient	23	10 ⁻⁶ /K	DIN EN ISO 11359-1
Hårdhet Shore D	81	° Shore D	DIN EN ISO 868

2. Kemisk beständighet

● Beständig ● Delvis beständig ● Ej beständig

Kemikalie	Konc.	Resultat
1,4-Dioxan	100%	●

Kemikalie	Konc.	Resultat
2-Hydroxypropionic Acid	90%	●
Acetic Acid	100%	●
Aceton	100%	●
Ammoniak	conc.	●
Ammonium Chloride	â€”	●
Amyl Alcohol	â€”	●
Apple Juice	â€”	●
Bensen	â€”	●
Bleaching Solution	12.5 cl	●
Boric Acid	100%	●
Brake Fluid	â€”	●
Br�nsle, aromatfritt	â€”	●
Butyl Acetate	â€”	●
Calcium Chloride	â€”	●
Carbon Disulfide	100%	●
Carbon Tetrachloride	â€”	●
Citric Acid	10%	●
Cyklohexanon	100%	●
Cyklohexen	100%	●
Diesel Fuel	â€”	●
Diethylene Oxide	â€”	●
Ethyl Acetate	100%	●
Ethyl Alcohol	96%	●
Ethylene Chloride	100%	●
Fenol, vattenl.	ca. 9%	●
Food Oil	â€”	●
Formaldehyd, vattenl.	40%	●
Formic Acid	10%	●
Frost Protection Agent	â€”	●
Glycerin	100%	●
Glykol	100%	●
Heating Oil	â€”	●
Heptan	100%	●
Hydrochloric Acid	10%	●
Hydrochloric Acid (concentrated)	conc.	●

Kemikalie	Konc.	Resultat
Hydrofluoric Acid	40%	●
Hydrogen Peroxide	10%	●
Hydrogen Sulfide, aqueous solution	â€”	●
Isopropyl Alcohol	100%	●
Klor (gas)	100%	●
Klorbensen	100%	●
Kloroform	â€”	●
Kresol	â€”	●
Linseed Oil	â€”	●
Merkurokrom	â€”	●
Methyl Alcohol	100%	●
Methyl Ethyl Ketone (MEK)	100%	●
Methylene Chloride	100%	●
Mineral Oils (aromatic free)	â€”	●
Mj�lk	â€”	●
Nitric Acid	10%	●
Nitric Acid (50%)	50%	●
Nitrobensen	â€”	●
Oxalic Acid	â€”	●
Ozone Gas	â‰ƒ0.5 ppm	●
Paraffine Oil	100%	●
Perkloretylen	â€”	●
Petroleum	100%	●
Petroleum Ether	100%	●
Phosphoric Acid	50%	●
Potassium Hydroxide liquor	50%	●
Premium Fuel	â€”	●
Propyl Alcohol	â€”	●
Pyridin	â€”	●
Silicone Oil	â€”	●
Sodium Carbonate, aqueous	â€”	●
Sodium Chloride, aqueous	â€”	●
Sodium Hydrogen Sulfit	â€”	●

Kemikalie	Konc.	Resultat
Sodium Hydroxide liquor (15%)	15%	●
Sodium Hydroxide liquor (60%)	60%	●
Sodium Nitrate, aqueous	â€”	●
Sodium Thiosulfate	â€”	●
Sulfuric Acid	96%	●
Tetrahydrofuran, THF	100%	●
Toluen	100%	●
Transformer Oil	â€”	●
Trikloretan	100%	●
Vatten	â€”	●
Xylen	â€”	●
Ättika, standard	5-10%	●