



Rundstång i POM H 30x1000 mm svart

Artikelnr P1008559
Material POM

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Densitet	3	g/cm³	DIN EN ISO 1183-1
Sträckgränsspänning	53	MPa	DIN EN ISO 527-2
Elasticitetsmodul (drag)	3000	MPa	DIN EN ISO 527-2
Brotttöjning	8	%	DIN EN ISO 527-2
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
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
Brandklassning (UL 94)	60695		UL 94
Böjhållfasthet	53	MPa	DIN EN ISO 527-2
Termisk konduktivitet	0.46	W/(m·K)	ISO 22007-4
Ytresistivitet	10 ¹⁴	Ω	DIN EN 62631-3-2
Fuktabsorption till mättnad	0.1	%	DIN EN ISO 62
Skårad slagseghet (Charpy)	25	kJ/m²	DIN EN ISO 179-1
Slagseghet (Charpy)	2	kJ/m²	DIN EN ISO 179-1
Termisk utvidgningskoefficient	23	10 ⁻⁴ /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
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Kemikalie	Konc.	Resultat
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%	
Heating Oil	-	
Heptan	100%	

Kemikalie	Konc.	Resultat
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%	
Perklöretylen	-	
Petroleum	100%	
Petroleum Ether	100%	
Phosphoric Acid	50%	
Potassium Hydroxide liquor	50%	
Premium Fuel	-	
Propyl Alcohol	-	
Pyridin	-	
Silicone Oil	-	
Sodium Carbonate, aqueous	-	
Sodium Chloride, aqueous	-	

Kemikalie	Konc.	Resultat
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	-	
Trikloreten	100%	
Vatten	-	
Xylen	-	
Ättika, standard	5-10%	