



Rundstång i POM H 45x1000 mm svart

Artikelnr P1008563

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
Brottåjning	8	%	DIN EN ISO 527-2
Smältpunkt	179	°C	DIN EN ISO 11357
Maximal drifttemperatur (korttid)	150	°C	
Maximal drifttemperatur	110	°C	
Värmeövergångning (HDT/A)	141	°C	
Vicat mjukningstemperatur (VST/B/50)	90	°C	DIN EN ISO 306
Dielektrisk styrka	23	kV/mm	ISO 60243-1
Volymresistivitet	10¹¹	Î©	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	10¹¹	Î©	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	10⁻⁵ /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‰‰0.5 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 Sulfite	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€”	
Trikloreten	100%	
Vatten	â€”	
Xylen	â€”	
Ättika, standard	5-10%	