



POM H 3000x610x50 mm natur

Artikelnr P1008781

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Density	3	g/cm³	DIN EN ISO 1183-1
Tensile Strength	53	MPa	DIN EN ISO 527-2
Modulus of elasticity (tensile)	3000	MPa	DIN EN ISO 527-2
Break Elongation	8	%	DIN EN ISO 527-2
Melting point	179	°C	DIN EN ISO 11357
Maximal operating temperature (short-term)	150	°C	
Maximum Operating Temperature	110	°C	
Heat deflection temperature (HDT/A)	141	°C	
Vicat softening temperature (VST/B/50)	90	°C	DIN EN ISO 306
Dielectric Strength	23	kV/mm	ISO 60243-1
Volume Resistivity	10¹¹	Ω	DIN EN 62631-3-1
Dielectric Constant (1 MHz)	2.4	-	IEC 60250
Flammability Classification (UL 94)	60695		UL 94
Flexural Strength	53	MPa	DIN EN ISO 527-2
Thermal Conductivity	0.46	W/(m·K)	ISO 22007-4
Surface Resistivity	10¹¹	Ω	DIN EN 62631-3-2
Water absorption to saturation	0.1	%	DIN EN ISO 62
Notched impact strength (Charpy)	25	kJ/m²	DIN EN ISO 179-1
Impact Resistance (Charpy)	2	kJ/m²	DIN EN ISO 179-1
Thermal Expansion Coefficient	23	10⁻⁵ /K	DIN EN ISO 11359-1
Hardness Shore D	81	° Shore D	DIN EN ISO 868

2. Kemisk beståndighet

Beståndig Delvis beståndig Ej beståndig

Kemikalie	Konc.	Resultat
1,4-Dioxane	100%	

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

Kemikalie	Konc.	Resultat
Heptane	100%	
Hydrochloric Acid	10%	
Hydrochloric Acid (concentrated)	conc.	
Hydrofluoric Acid	40%	
Hydrogen Peroxide	10%	
Hydrogen Sulfide, aqueous solution	â€™	
Isopropyl Alcohol	100%	
Linseed Oil	â€™	
Mercurochrome	â€™	
Methyl Alcohol	100%	
Methyl Ethyl Ketone (MEK)	100%	
Methylene Chloride	100%	
Milk	â€™	
Mineral Oils (aromatic free)	â€™	
Nitric Acid	10%	
Nitric Acid (50%)	50%	
Nitrobenzene	â€™	
Oxalic Acid	â€™	
Ozone Gas	â‰ƒ0.5 ppm	
Paraffine Oil	100%	
Perchloroethylene	â€™	
Petroleum	100%	
Petroleum Ether	100%	
Phenol, aqueous	ca. 9%	
Phosphoric Acid	50%	
Potassium Hydroxide liquor	50%	
Premium Fuel	â€™	
Propyl Alcohol	â€™	
Pyridine	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%	●
Toluene	100%	●
Transformer Oil	â€”	●
Trichloroethylene	100%	●
Vinegar, standard	5-10%	●
Water	â€”	●
Xylene	â€”	●