

# POM H 3000x610x45 mm natur

Artikelnr P1008780

## 1. Tekniskt datablad

Egenskap	V�rde	Enhet	Standard
Density	3	g/cm� <sup>3</sup>	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	10� <sup>14</sup> �	��	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	10� <sup>14</sup> �	��	DIN EN 62631-3-2
Water absorption to saturation	0.1	%	DIN EN ISO 62
Notched impact strength (Charpy)	25	kJ/m� <sup>2</sup>	DIN EN ISO 179-1
Impact Resistance (Charpy)	2	kJ/m� <sup>2</sup>	DIN EN ISO 179-1
Thermal Expansion Coefficient	23	10� <sup>-6</sup> /K	DIN EN ISO 11359-1
Hardness Shore D	81	� Shore D	DIN EN ISO 868

## 2. Kemisk best ndighet

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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‰‰0.5 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€”	●