



Komplett teknisk dokumentation

PlastShop.se - 2026-03-26

POM H 12x1000 mm musta

Artikelnr P1008551
Material POM

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Tiheys	3	g/cm ³	DIN EN ISO 1183-1
Venymisrajan jännitys	53	MPa	DIN EN ISO 527-2
Joustavuusmoduli (vetolujuus)	3000	MPa	DIN EN ISO 527-2
Murtovenymä	8	%	DIN EN ISO 527-2
Sulamispiste	179	°C	DIN EN ISO 11357
Maksimaalinen käyttölämpötila (lyhytaikainen)	150	°C	
Maksimi käyttölämpötila	110	°C	
Lämpökäyrä (HDT/A)	141	°C	
Vicat-pehmenemislämpötila (VST/B/50)	90	°C	DIN EN ISO 306
Dielektrinen voimakkuus	23	kV/mm	ISO 60243-1
Tilavuusresistanssi	10 ¹⁴	Ω	DIN EN 62631-3-1
Dielektrinen vakio (1 MHz)	2.4	-	IEC 60250
Paloaluokitus (UL 94)	60695		UL 94
Taivutuslujuus	53	MPa	DIN EN ISO 527-2
Lämmönjohtavuus	0.46	W/(m·K)	ISO 22007-4
Pintaresistanssi	10 ¹⁴	Ω	DIN EN 62631-3-2
Imeytymisen maksimointi	0.1	%	DIN EN ISO 62
Särkyäkesto (Charpy)	25	kJ/m ²	DIN EN ISO 179-1
Iskunkestävyys (Charpy)	2	kJ/m ²	DIN EN ISO 179-1
Lämpölaajenemiskerroin	23	10 ⁻⁴ /K	DIN EN ISO 11359-1
Kovuus 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-Dioxane	100%	
2-Hydroxypropionic Acid	90%	
Acetic Acid	100%	
Acetone	100%	
Ammonia	conc.	
Ammonium Chloride	-	
Amyl Alcohol	-	
Apple Juice	-	
Benzene	-	
Bleaching Solution	12.5 cl	
Boric Acid	100%	
Brake Fluid	-	
Butyl Acetate	-	
Calcium Chloride	-	
Carbon Disulfide	100%	
Carbon Tetrachloride	-	
Chlorine (gas)	100%	
Chlorobenzene	100%	
Chloroform	-	
Citric Acid	10%	
Cresol	-	
Cyclohexanone	100%	
Cyclohexene	100%	
Diesel Fuel	-	
Diethylene Oxide	-	
Ethyl Acetate	100%	
Ethyl Alcohol	96%	
Ethylene Chloride	100%	
Food Oil	-	
Formaldehyde, aqueous	40%	
Formic Acid	10%	
Frost Protection Agent	-	
Fuel, aromatic free	-	
Glycerine	100%	
Glycol	100%	

Kemikalie	Konc.	Resultat
Heating Oil	-	●
Heptane	100%	●
Hydrochloric Acid	10%	●
Hydrochloric Acid (concentrated)	conc.	●
Hydrofluoric Acid	40%	●
Hydrogen Peroxide	10%	●
Hydrogen Sulfide, aqueous solution	-	●
Isopropyl Alcohol	100%	●
Linseed Oil	-	●
Mercurochrome	-	●
Methyl Alcohol	100%	●
Methyl Ethyl Ketone (MEK)	100%	●
Methylene Chloride	100%	●
Milk	-	●
Mineral Oils (aromatic free)	-	●
Nitric Acid	10%	●
Nitric Acid (50%)	50%	●
Nitrobenzene	-	●
Oxalic Acid	-	●
Ozone Gas	≤0.5 ppm	●
Paraffine Oil	100%	●
Perchloroethylene	-	●
Petroleum	100%	●
Petroleum Ether	100%	●
Phenol, aqueous	ca. 9%	●
Phosphoric Acid	50%	●
Potassium Hydroxide liquor	50%	●
Premium Fuel	-	●
Propyl Alcohol	-	●
Pyridine	-	●
Silicone Oil	-	●
Sodium Carbonate, aqueous	-	●
Sodium Chloride, aqueous	-	●
Sodium Hydrogen Sulfite	-	●

Kemikalie	Konc.	Resultat
Sodium Hydroxide liquor (15%)	15%	
Sodium Hydroxide liquor (60%)	60%	
Sodium Nitrate, aqueous	-	
Sodium Thiosulfate	-	
Sulfuric Acid	96%	
Tetrahydrofuran, THF	100%	
Toluene	100%	
Transformer Oil	-	
Trichloroethylene	100%	
Vinegar, standard	5-10%	
Water	-	
Xylene	-	