



POM H 50x1000 mm musta

Artikelnr P1008564

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Tiheys	3	g/cm³	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	
Lämpökestävä (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 s	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
Lämpöjohtavuus	0.46	W/(m·K)	ISO 22007-4
Pintaresistanssi	10 ¹⁴ s	Ω	DIN EN 62631-3-2
Imeytymisen maksimointi	0.1	%	DIN EN ISO 62
Särkyäkesto (Charpy)	25	kJ/m²	DIN EN ISO 179-1
Iskunkestävyys (Charpy)	2	kJ/m²	DIN EN ISO 179-1
Lämpölaajenemiskerroin	23	10 ⁻⁶ /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
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%	

Kemikalie	Konc.	Resultat
Heating Oil	â€™	
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€™	
Sodium Hydroxide liquor (15%)	15%	

Kemikalie	Konc.	Resultat
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€”	