



PA6 GL 3048x610x50 mm vihreä

Artikelnr P1600274
Material PA

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Tiheys	1.1	g/cm³	DIN EN ISO 1183-1
Venymisrajan jännitys	67.5	MPa	DIN EN ISO 527
Joustavuusmoduli (vetolujuus)	3000	MPa	DIN EN ISO 527
Murtovenymä	198.5	%	DIN EN ISO 527
Sulamispiste	218	°C	ISO 11357-3
Maksimaalinen käyttölämpötila (lyhytaikainen)	162.5	°C	
Maksimi käyttölämpötila	109	°C	
Alin lämpötila	-40	°C	
Lämpökäyrä (HDT/A)	90	°C	ISO 75
Dielektrinen voimakkuus	20	kV/mm	IEC 60243
Tilavuusresistanssi	10 ¹⁵	Ω·cm	DIN EN 62631-3-1
Dielektrinen vakio (1 MHz)	3.7	-	IEC 60250
Dielektrinen hajoamiskerroin (100 Hz)	0.02	-	IEC 60250
Lämmönjohtavuus	0.3	W/(m·K)	DIN 52612-1
Pintaresistanssi	10 ¹³	Ω	DIN EN 62631-3-2
Vertailukulkemisindeksi (CTI)	600	V	IEC 60112
Imeytymisen maksimointi	5.65	%	DIN EN ISO 62
Vesihaku kyllästymiseen	5.65	%	DIN EN ISO 62
Särkyäkesto (Charpy)	13	kJ/m²	DIN EN ISO 179
Lämpölaajenemiskerroin	0.7	10 ⁻⁴ /K	DIN 53752
Kovuus Shore D	81	° Shore D	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)	-	●
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	●
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	-	●
Sodium Hydroxide liquor	60	●

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