



PA6 GF30 16x1000 mm musta

Artikelnr P1001403

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Tiheys	1.34	g/cm³	ISO 1183
Joustavuusmoduli (vetolujuus)	8700	MPa	ISO 527-2
Sulamispiste	220	°C	ISO 3146
Maksimaalinen käyttölämpötila (lyhytaikainen)	180	°C	
Maksimi käyttölämpötila	100	°C	
Alin lämpötila	-20	°C	
Lämpökestävä (HDT/A)	210	°C	ISO 75-2
Tilavuusresistanssi	10 ⁻¹ g	l ⁻¹ cm	IEC 60093
Taivutuslujuus	120	MPa	ISO 527-2
Lämpömmänsuhtavuus	0.28	W/(m·K)	DIN 52612
Pintaresistanssi	10 ⁻¹ Å³	l ⁻¹	IEC 60093
Imeytymisen maksimointi	2.1	%	ISO 62
Vesihaku kyllästymiseen	6.6	%	ISO 62
Särkyäkesto (Charpy)	5	kJ/m²	ISO 179/1eA
Iskunkestävyys (Charpy)	50	kJ/m²	ISO 179/1eU
Lämpölaajenemiskerroin	0.26	10 ⁻⁶ /K	DIN 11359
Kulmapaineen kovuus	43	MPa	ISO 2039-1

2. Kemisk beständighet

Beständig Delvis beständig Ej beständig

Kemikalie	Konc.	Resultat
1,4-Dioxane	100	Delvis beständig
2-Hydroxypropionic Acid	90	Ej beständig
Acetic Acid	100	Beständig
Acetone	100	Delvis beständig
Ammonia	conc.	Beständig

Kemikalie	Konc.	Resultat
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€”	
Heptane	100	
Hydrochloric Acid	10	
Hydrochloric Acid (concentrated)	conc.	
Hydrofluoric Acid	40	

Kemikalie	Konc.	Resultat
Hydrogen Peroxide	10	●
Hydrogen Sulfide (aqueous)	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	●
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€”	●
Sodium Hydroxide liquor	60	●
Sodium Hydroxide liquor	15	●
Sodium Nitrate (aqueous)	â€”	●
Sodium Thiosulfate	â€”	●
Sulfuric Acid	96	●

Kemikalie	Konc.	Resultat
Tetrahydrofuran (THF)	100	
Toluene	100	
Transformer Oil	â€”	
Trichloroethylene	100	
Vinegar (standard)	5 - 10	
Water	â€”	
Xylene	â€”	