PLASTSHOP.SE

Komplett teknisk dokumentation

PlastShop.se - 2026-03-28

PA6 GL 75x2000 mm vihreä

Artikelnr	P1600312
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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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	-	🟢