PLASTSHOP.SE

Komplett teknisk dokumentation

PlastShop.se - 2026-03-26

PTFE 1200x1200x1 mm natural

Artikelnr P1201008
Material PTFE

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Densidad	**2.1**	g/cm³	ASTM D1457
Límite de resistencia a la tracción	**22**	MPa	ASTM D4894
Módulo de elasticidad (tracción)	**750**	MPa	ISO 527
Resistencia a la tensión	**18**	MPa	ASTM D1457
Deformación a la rotura	**300**	%	ASTM D1457
Temperatura de servicio máxima (corto plazo)	**260**	°C	
Temperatura de funcionamiento máxima	**260**	°C	
Temperatura mínima	**-200**	°C	
Resistividad volumétrica	**10^4**	Ω·cm	ASTM D257
Resistencia a la flexión	**6**	MPa	ISO 178
Resistencia al impacto con entalla (Charpy)	**16**	kJ/m²	ISO 179
Dureza Shore D	**58.5**	° Shore D	ASTM D1706
Dureza a la presión de bala	**45**	MPa	ISO 2039

2. Kemisk beständighet

Beständig Delvis beständig Ej beständig

Kemikalie	Konc.	Resultat
1,4-Dioxane	100	
2-Hydroxypropionic Acid	90	
Acetic Acid	100	
Acetone	100	
Ammonia	-	
Ammonium Chloride	-	
Amyl Alcohol	-	
Apple Juice	-	

Kemikalie	Konc.	Resultat
Benzene	-	🟢
Bleaching Solution	-	🟡
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	🟢
Heating Oil	-	🟢
Heptane	100	🟢
Hydrochloric Acid	10	🟢
Hydrochloric Acid (concentrated)	-	🟢
Hydrofluoric Acid	40	🟢
Hydrogen Peroxide	10	🟢
Hydrogen Sulfide (aqueous)	-	🟢
Isopropyl Alcohol	100	🟢

Kemikalie	Konc.	Resultat
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	-	🟢
Sodium Hydroxide liquor	15	🟢
Sodium Hydroxide liquor (60)	60	🟢
Sodium Nitrate (aqueous)	-	🟢
Sodium Thiosulfate	-	🟢
Sulfuric Acid	96	🟢
Tetrahydrofuran (THF)	100	🟡
Toluene	100	🟢
Transformer Oil	-	🟢

Kemikalie	Konc.	Resultat
Trichloroethylene	100	
Vinegar (standard)	5 - 10	
Water	-	
Xylene	-	