



Komplett teknisk dokumentation

PlastShop.se

PTFE 50x2000 mm natur

Artikelnr P1200998

1. Tekniskt datablad

Egenskap	Värde	Enhet	Teststandard
Densitet	2.1	g/cm ³	ASTM D1457
Sträckgränsspänning	22	MPa	ASTM D4894
Elasticitetsmodul (drag)	750	MPa	ISO 527
Brottspänning	18	MPa	ASTM D1457
Brottöjning	300	%	ASTM D1457
Böjhållfasthet	6	MPa	ISO 178
Skårad slagseghet (Charpy)	16	kJ/m ²	ISO 179
Hårdhet Shore D	58.5	° Shore D	ASTM D1706
Kultryckshårdhet	45	MPa	ISO 2039
Maximal drifttemperatur (korttid)	260	°C	
Maximal drifttemperatur	260	°C	
Minsta temperatur	-200	°C	
Volymresistivitet	10 ⁴	Ω·cm	ASTM D257

2. Kemisk beständighet

● Beständig ● Delvis beständig ● Ej beständig

Kemikalie	Koncentration	Beständ.
1,4-Dioxan	100	●
2-Hydroxypropionic Acid	90	●
Acetic Acid	100	●
Aceton	100	●
Ammoniak	—	●
Ammonium Chloride	—	●
Amyl Alcohol	—	●
Apple Juice	—	●

Kemikalie	Koncentration	Bestånd.
Bensen	—	●
Bleaching Solution	—	●
Boric Acid	100	●
Brake Fluid	—	●
Bränsle, aromatfritt	—	●
Butyl Acetate	—	●
Calcium Chloride	—	●
Carbon Disulfide	100	●
Carbon Tetrachloride	—	●
Citric Acid	10	●
Cyklohexanon	100	●
Cyklohexen	100	●
Diesel Fuel	—	●
Diethylene Oxide	—	●
Ethyl Acetate	100	●
Ethyl Alcohol	96	●
Ethylene Chloride	100	●
Fenol (vattenl.)	ca. 9	●
Food Oil	—	●
Formaldehyd (vattenl.)	40	●
Formic Acid	10	●
Frost Protection Agent	—	●
Glycerin	100	●
Glykol	100	●
Heating Oil	—	●
Heptan	100	●
Hydrochloric Acid	10	●
Hydrochloric Acid (concentrated)	—	●
Hydrofluoric Acid	40	●
Hydrogen Peroxide	10	●
Hydrogen Sulfide (aqueous)	—	●
Isopropyl Alcohol	100	●

Kemikalie	Koncentration	Bestånd.
Klor (gas)	100	●
Klorbensen	100	●
Kloroform	—	●
Kresol	—	●
Linseed Oil	—	●
Merkurokrom	—	●
Methyl Alcohol	100	●
Methyl Ethyl Ketone (MEK)	100	●
Methylene Chloride	100	●
Mineral Oils (aromatic free)	—	●
Mjölk	—	●
Nitric Acid	10	●
Nitric Acid (50%)	50	●
Nitrobensen	—	●
Oxalic Acid	—	●
Ozone Gas	≤ 0.5 ppm	●
Paraffine Oil	100	●
Perkloretylen	—	●
Petroleum	100	●
Petroleum Ether	100	●
Phosphoric Acid	50	●
Potassium Hydroxide liquor	50	●
Premium Fuel	—	●
Propyl Alcohol	—	●
Pyridin	—	●
Silicone Oil	—	●
Sodium Carbonate (aqueous)	—	●
Sodium Chloride (aqueous)	—	●
Sodium Hydrogen Sulfite	—	●
Sodium Hydroxide liquor	15	●
Sodium Hydroxide liquor (60)	60	●
Sodium Nitrate (aqueous)	—	●

Kemikalie	Koncentration	Beständ.
Sodium Thiosulfate	—	●
Sulfuric Acid	96	●
Tetrahydrofuran (THF)	100	●
Toluen	100	●
Transformer Oil	—	●
Trikloretan	100	●
Vatten	—	●
Xylen	—	●
Ättika (standard)	5 - 10	●