

Platta i PP-C 2440x1220x10 mm svart (skyddsfolie)

Artikelnr P2201551

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Densitet	0.9	g/cm³	DIN EN ISO 1183-1
Sträckgränsspänning	24	MPa	DIN EN ISO 527
Elasticitetsmodul (drag)	1241.2	MPa	DIN EN ISO 527
Brottåjning	50	%	DIN EN ISO 527
Smältpunkt	164	°C	ISO 11357-3
Maximal drifttemperatur (korttid)	116	°C	
Maximal drifttemperatur	75	°C	
Minsta temperatur	-23	°C	
Vicat mjukningstemperatur (VST/B/50)	87	°C	DIN EN ISO 306
Dielektrisk styrka	40	kV/mm	IEC 60243
Volymresistivitet	10¹¹ Ω·cm	Ω·cm	DIN EN 62631-3-1
Dielektrisk konstant (1 MHz)	2.48	-	IEC 60250
Dielektrisk förlustfaktor (1 MHz)	0.0	-	IEC 60250
Dielektrisk förlustfaktor (100 Hz)	0.0	-	IEC 60250
Termisk konduktivitet	0.2	W/(m·K)	DIN 52612-1
Ytresistivitet	10¹¹ Ω·cm	Ω·cm	DIN EN 62631-3-2
Jämförande krypsprängningsindex (CTI)	600	V	IEC 60112
Fuktabsorption till mättnad	0.1	%	DIN EN ISO 62
Vattenabsorption till mättnad	0.1	%	DIN EN ISO 62
Skårad slagseghet (Charpy)	4	kJ/m²	DIN EN ISO 179
Termisk utvidgningskoefficient	0.0	10⁻⁵ /K	DIN 53752
Hårdhet Shore D	67.25	° Shore D	DIN EN ISO 868
Kultryckshårdhet	50	MPa	DIN EN ISO 2039-1

2. Kemisk beständighet

Beständig Delvis beständig Ej beständig

Kemikalie	Konc.	Resultat
1,4-Dioxan	100	
2-Hydroxypropionic Acid	90	
Acetic Acid	100	
Aceton	100	
Ammoniak	â€”	
Ammonium Chloride	â€”	
Amyl Alcohol	â€”	
Apple Juice	â€”	
Bensen	â€”	
Bleaching Solution	â€”	
Boric Acid	100	
Brake Fluid	â€”	
Br�nsle, aromatfritt	â€”	
Butyl Acetate	â€”	
Calcium Chloride	â€”	
Carbon Disulfide	100	
Carbon Tetrachloride	â€”	
Citric Acid	10	
Cyklohexanon	100	
Cyklohexen	100	
Diesel Fuel	â€”	
Diethylene Oxide	â€”	
Ethyl Acetate	100	
Ethyl Alcohol	96	
Ethylene Chloride	100	
Fenol, vattenl.	ca. 9	
Food Oil	â€”	
Formaldehyd, vattenl.	40	
Formic Acid	10	
Frost Protection Agent	â€”	
Glycerin	100	
Glykol	100	
Heating Oil	â€”	
Heptan	100	
Hydrochloric Acid	10	

Kemikalie	Konc.	Resultat
Hydrochloric Acid (concentrated)	â€”	●
Hydrofluoric Acid	40	●
Hydrogen Peroxide	10	●
Hydrogen Sulfide, aqueous solution	â€”	●
Isopropyl Alcohol	100	●
Klor (gas)	100	●
Klorbensen	100	●
Kloroform	â€”	●
Kresol	â€”	●
Linseed Oil	â€”	●
Merkurokrom	â€”	●
Methyl Alcohol	100	●
Methyl Ethyl Ketone (MEK)	100	●
Methylene Chloride	100	●
Mineral Oils (aromatic free)	â€”	●
Mj�lk	â€”	●
Nitric Acid	50	●
Nitric Acid	10	●
Nitrobensen	â€”	●
Oxalic Acid	â€”	●
Ozone Gas	â‰¥ 0.5 ppm	●
Paraffine Oil	100	●
Perkloretylen	â€”	●
Petroleum	100	●
Petroleum Ether	100	●
Phosphoric Acid	50	●
Potassium Hydroxide liquor	50	●
Premium Fuel	â€”	●
Propyl Alcohol	â€”	●
Pyridin	â€”	●
Silicone Oil	â€”	●
Sodium Carbonate, aqueous	â€”	●
Sodium Chloride, aqueous	â€”	●
Sodium Hydrogen Sulfite	â€”	●
Sodium Hydroxide liquor	15	●

Kemikalie	Konc.	Resultat
Sodium Hydroxide liquor	60	
Sodium Nitrate, aqueous	â€”	
Sodium Thiosulfate	â€”	
Sulfuric Acid	96	
Tetrahydrofuran (THF)	100	
Toluen	100	
Transformer Oil	â€”	
Trikloreten	100	
Vatten	â€”	
Xylen	â€”	
Ä„ttika, standard	5 - 10	