



PP-H AlphaPlus 100x1000 mm gris

Artikelnr P2201097

1. Tekniskt datablad

Egenskap	Värde	Enhet	Standard
Densidad	0.91	g/cm³	ISO 1183
Låmite de resistencia a la tracci³n	36	MPa	ISO 527
M³dulo de elasticidad (tracci³n)	1700	MPa	ISO 527-2
Resistencia a la tensi³n	30	MPa	ISO 527
Deformaci³n a la rotura	8	%	ISO 527-2
Punto de fusi³n	161	°C	DIN EN ISO 11357
Temperatura de servicio m³xima (corto plazo)	127	°C	UL746B
Temperatura de funcionamiento m³xima	80	°C	
Temperatura m³nima	-7	°C	
Deformaci³n t³rmica (HDT/A)	54	°C	ISO 75
Deformaci³n t³rmica (HDT/B)	90	°C	ISO 75
Temperatura de ablandamiento Vicat (VST/B/50)	50	°C	ISO 306
Fuerza diel³ctrica	40	kV/mm	IEC 60243-1
Resistividad volum³trica	10¹¹	Î	DIN EN 62631-3-1
Constante diel³ctrica (1 MHz)	2.4	-	IEC 60250
Factor de p³rdida diel³ctrica (1 MHz)	13.4	-	IEC 60250
Factor de p³rdida diel³ctrica (100 Hz)	0.0	-	IEC 60250
Clasificaci³n de resistencia al fuego (UL 94)	60695		UL 94
Resistencia a la flexi³n	37	MPa	DIN EN ISO 527-2
Conductividad t³rmica	0.27	W/(mK)	ISO 22007-4
Resistencia superficial	10¹¹	Î	IEC 60093
Ándice de seguimiento comparativo (CTI)	600	V	IEC 60112
Absorci³n de agua hasta la saturaci³n	0.2	%	ISO 62
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Resistencia al impacto con entalla (Charpy)	9	kJ/m²	ISO 179/1eA
Resistencia al impacto (Charpy)	7.7	kJ/m²	ISO 179
Coefficiente de expansi³n t³rmica	1.6	10³/K	ISO 11359-2

Egenskap	Värde	Enhet	Standard
Dureza Shore D	72	Å° Shore D	ISO 868
Dureza a la presi3n de bala	110	MPa	ISO 2039

2. Kemisk beständighet

● Beständig ● Delvis beständig ● Ej beständig

Kemikalie	Konc.	Resultat
1,4-Dioxane	100	●
2-Hydroxypropionic acid (lactic acid)	90	●
Acetic acid	100	●
Acetone	100	●
Ammonia	â€”	●
Ammonium chloride	â€”	●
Amyl alcohol	â€”	●
Benzene	â€”	●
Bleaching solution	â€”	●
Boric acid	100	●
Brake fluid	â€”	●
Butyl acetate	â€”	●
Calcium chloride	â€”	●
Carbon disulphide	100	●
Carbon tetrachloride	â€”	●
Chlorine (gas)	100	●
Chlorobenzene	100	●
Chloroform	â€”	●
Citric acid	10	●
Cresol	â€”	●
Cyclohexanone	100	●
Cyclohexene	100	●
Diesel	â€”	●
Diethylene oxide	â€”	●
Ethyl acetate	100	●
Ethyl alcohol (ethanol)	96	●
Ethylene chloride	100	●

Kemikalie	Konc.	Resultat
Food oil	â€™	●
Formaldehyde, aqueous	40	●
Formic acid	10	●
Frost protection agent	â€™	●
Fuel oil	â€™	●
Fuel, aromatic free	â€™	●
Glycerine	100	●
Glycol	100	●
Heptane	100	●
Hydrochloric acid	10	●
Hydrochloric acid (concentrated)	â€™	●
Hydrofluoric acid	40	●
Hydrogen peroxide	10	●
Hydrogen sulfide, aqueous	â€™	●
Isopropyl alcohol	100	●
Linseed oil	â€™	●
Mercurochrome	â€™	●
Methyl alcohol (methanol)	100	●
Methyl ethyl ketone (MEK)	100	●
Methylene chloride	100	●
Milk	â€™	●
Mineral oils (aromatic free)	â€™	●
Nitric acid	50	●
Nitric acid	10	●
Nitrobenzene	â€™	●
Oxalic acid	â€™	●
Ozone (gas)	â‰‰ 0.5 ppm	●
Paraffin oil	100	●
Perchloroethylene	â€™	●
Petroleum ether	100	●
Phenol, aqueous	ca. 9	●
Phosphoric acid	50	●
Potassium hydroxide solution	50	●
Premium fuel	â€™	●
Propyl alcohol	â€™	●

Kemikalie	Konc.	Resultat
Pyridine	â€”	●
Silicone oil	â€”	●
Sodium carbonate, aqueous	â€”	●
Sodium chloride, aqueous	â€”	●
Sodium hydrogen sulfite	â€”	●
Sodium hydroxide solution (caustic soda)	60	●
Sodium hydroxide solution (caustic soda)	15	●
Sodium nitrate, aqueous	â€”	●
Sodium thiosulfate	â€”	●
Sulphuric acid	96	●
Tetrahydrofuran (THF)	100	●
Toluene	100	●
Transformer oil	â€”	●
Trichloroethylene	100	●
Vinegar, standard	5 - 10	●
Water	â€”	●
Xylene	â€”	●