PE-1000 130x2000 mm natural

Artikelnr P1004338
Kategori PE

Tekniska egenskaper

Density & Weight

Egenskap	VÃ□rde	Enhet	Provningsstandard
Density	0.95	g/cmÂ³	ISO 1183

Tensile Properties

Egenskap	VÃ□rde	Enhet	Provningsstandard
Tensile Strength	17	MPa	ISO 527
Modulus of elasticity (tensile)	800	MPa	DIN EN ISO 527-1/2
Breakdown Voltage	40	MPa	ISO 527
Break Elongation	200	%	ISO 527

Temperature Limits

Egenskap	VÃ□rde	Enhet	Provningsstandard
Melting point	135	Â°C	ISO 3146
Maximal operating temperature (short-term)	100	Â°C	
Maximum Operating Temperature	64	Â°C	
Minimum temperature	-214	Â°C	UL746B
Heat deflection temperature (HDT/A)	42	Â°C	ISO 75
Heat deflection temperature (HDT/B)	65	Â°C	ISO 75
Vicat softening temperature (VST/B/50)	79	Â°C	DIN EN ISO 306

Insulation Properties

Egenskap	VÃ□rde	Enhet	Provningsstandard

Egenskap	VÃ□rde	Enhet	Provningsstandard
Dielectric Strength	45	kV/mm	IEC 60243-1
Volume Resistivity	1	â„¦	IEC 60093
Dielectric Constant (1 MHz)	2.3	-	IEC 60250
Dielectric Constant (100 Hz)	2.55	-	IEC 60250
Dielectric loss factor (1 MHz)	0.0	-	IEC 60250
Dielectric loss factor (100 Hz)	0.0	-	IEC 60250

Fire Classification

Egenskap	VÃ□rde	Enhet	Provningsstandard
Flammability Classification (UL 94)	3		UL 94

Flexural Properties

Egenskap	VÃ□rde	Enhet	Provningsstandard
Flexural Strength	17	MPa	ISO 527-2

Thermal Conductivity

Egenskap	VÃ□rde	Enhet	Provningsstandard
Thermal Conductivity	0.4	W/(mÂ·K)	DIN 52612

Static spread

Egenskap	VÃ□rde	Enhet	Provningsstandard
Surface Resistivity	10Â¹Â²	Î©	IEC 60093
Comparative Tracking Index (CTI)	600	V	IEC 60112

Moisture Absorption

Egenskap	VÃ□rde	Enhet	Provningsstandard
Water absorption to saturation	0.01	%	
Water Absorption to Saturation	0.01	%	ISO 62

Impact Resistance

Egenskap	VÃ□rde	Enhet	Provningsstandard
Notched impact strength (Charpy)	80	kJ/mÂ²	ISO 11542-2
Impact Resistance (Charpy)	80	kJ/mÂ²	DIN EN ISO 179-1/2

Thermal Expansion

Egenskap	VÃ□rde	Enhet	Provningsstandard

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Thermal Expansion Coefficient	2	10â»â´/K	ISO 11359

Hardness

Egenskap	VÃ□rde	Enhet	Provningsstandard
Hardness Shore D	60	Â° Shore D	shore D
Ball pressure hardness	34	MPa	ISO 2039-1

Compressive Properties

Egenskap	VÃ□rde	Enhet	Provningsstandard
Creep Voltage at 1% Elongation	24	MPa	ISO 178

GodkÃ¤nnanden

EU 10/2011 FDA REACH RoHS