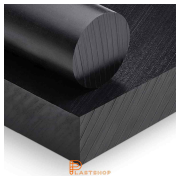

PE-HD 140x2000 mm svart

Artikelnr P1003265
Kategori PE

Tekniska egenskaper

Density & Weight

Egenskap	VÃ□rde	Enhet	Provningsstandard
Density	0.96	g/cmÂ³	ISO 1183

Tensile Properties

Egenskap	VÃ□rde	Enhet	Provningsstandard
Tensile Strength	20	MPa	ISO 527
Modulus of elasticity (tensile)	1200	MPa	ISO 527
Breakdown Voltage	13	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)	95	Â°C	UL746B
Maximum Operating Temperature	76	Â°C	
Minimum temperature	-51	Â°C	
Heat deflection temperature (HDT/A)	45	Â°C	ISO 75-2
Heat deflection temperature (HDT/B)	69	Â°C	ISO 75
Vicat softening temperature (VST/B/50)	79	Â°C	ISO 306

Insulation Properties

Egenskap	VÃ□rde	Enhet	Provningsstandard

Egenskap	VÃ□rde	Enhet	Provningsstandard
Dielectric Strength	45	kV/mm	IEC 60243-1
Volume Resistivity	10Â¹Â²	Î©Â·cm	EN 61340-5-1
Dielectric Constant (1 MHz)	2.4	-	IEC 60250
Dielectric Constant (100 Hz)	2.3	-	IEC 60250
Dielectric loss factor (1 MHz)	0.0	-	IEC 60250
Dielectric loss factor (100 Hz)	0.0	-	IEC 60250

Flexural Properties

Egenskap	VÃ□rde	Enhet	Provningsstandard
Flexural Strength	20	MPa	ISO527-2

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	10Â¹Â³	Î©	EN 61340-5-1
Comparative Tracking Index (CTI)	600	V	IEC 60112

Moisture Absorption

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

Impact Resistance

Egenskap	VÃ□rde	Enhet	Provningsstandard
Notched impact strength (Charpy)	7.5	kJ/mÂ²	ISO 179/1eA
Impact Resistance (Charpy)	15	kJ/mÂ²	ISO 179/1eU

Thermal Expansion

Egenskap	VÃ□rde	Enhet	Provningsstandard
Thermal Expansion Coefficient	2	10â»â´/K	ISO 11359

Hardness

Egenskap	VÃ□rde	Enhet	Provningsstandard

Egenskap	VÃ¤rde	Enhet	Provningsstandard
Hardness Shore D	60	Â° Shore D	shore D
Ball pressure hardness	50	MPa	ISO 2039-1

GodkÃ¤nnanden

EU 10/2011 FDA REACH RoHS

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