

POLYblend

65H

PC/ABS-blend

Property	Value	Unit	Standard
Density	1,13	g/cm ³	ISO 1183
MFI at 260°C/5kg	23	g/10min	ISO 1133
Flexural modulus at +23°C	2500	MPa	ISO 178
Maximum flexural strength	96	MPa	ISO 178
Maximum tensile strength	61	MPa	ISO 527-2
Elongation at break		%	ISO 527-2
Elongation at yield	8	%	ISO 527-2
Impact strength			
Notched Charpy at +23°C	48	kJ/m ²	ISO 179
Notched Charpy at -30°C	17	kJ/m ²	ISO 179
Unnotched Charpy at +23°C	NB	kJ/m ²	ISO 179
Unnotched Charpy at -30°C	NB	kJ/m ²	ISO 179
Filler content		±2%	ISO 3451
Heat Distortion Temperature			
HDT 120°C/h at 455kPa (B)	123/121	°C	ISO 75/1
HDT 120°C/h at 1820kPa (A)	107/102	°C	ISO 75/1
Softening temperature			
Vicat 50°/h at 9,81N (A)	134	°C	ISO 306
Vicat 50°C/h at 49,05N (B)	120	°C	ISO 306
Ball pressure test	110	°C	IEC 335-1
Flammability			
GWT at 2 mm	650	°C	IEC 695-2-1
UL94 at 1.6 mm	HB		UL94
Mould shrinkage (with flow)	0,5-0,7	%	ISO 294-4
Mould shrinkage (across flow)	0,5-0,7	%	ISO 294-4

HDT (annealed/unannealed)

Version 3

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