

POLYblend

65V

PC/ABS-blend

Flame retarded

Property	Value	Unit	Standard
Density	1,20	g/cm ³	ISO 1183
MFI at 260°C/5kg	30	g/10min	ISO 1133
Flexural modulus at +23°C	2600	MPa	ISO 178
Maximum flexural strength	90	MPa	ISO 178
Maximum tensile strength	57	MPa	ISO 527-2
Elongation at break		%	ISO 527-2
Elongation at yield	7,5	%	ISO 527-2
Impact strength			
Notched Charpy at +23°C	18	kJ/m ²	ISO 179
Notched Charpy at -30°C	3	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)	120/120	°C	ISO 75/1
HDT 120°C/h at 1820kPa (A)	106/101	°C	ISO 75/1
Softening temperature			
Vicat 50°/h at 9,81N (A)	132	°C	ISO 306
Vicat 50°C/h at 49,05N (B)	118	°C	ISO 306
Ball pressure test	110	°C	IEC 335-1
Flammability			
GWT at 1.6 mm	960	°C	IEC 695-2-1
UL94 at 1.6 mm	V0		UL94
UL94 at 2.5 mm	V0		UL94
UL94 at 3.2 mm	V0		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 4

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