

POLYpropen

PPC 26000

PP copolymer

Property	Value	Unit	Standard
Density	0,90	g/cm ³	ISO 1183
MFI at 230°C/2,16kg	26	g/10min	ISO 1133
Flexural modulus at +23°C	1350	MPa	ISO 178
Maximum flexural strength		MPa	ISO 178
Maximum tensile strength	25	MPa	ISO/R527
Elongation at break	100	%	ISO/R527
Elongation at yield		%	ISO/R527
Impact strength			
Notched Charpy at +23°C	12	kJ/m ²	ISO 179
Notched Charpy at -20°C	3	kJ/m ²	ISO 179
Unnotched Charpy at +23°C		kJ/m ²	ISO 179
Unnotched Charpy at -20°C		kJ/m ²	ISO 179
Filler content		±2%	Polykemi
Heat Distortion Temperature			
HDT 120°C/h at 455kPa (B)	88	°C	ISO 75/1
HDT 120°C/h at 1820kPa (A)		°C	ISO 75/1
Softening temperature			
Vicat 50°/h at 9,81N (A)		°C	ISO 306
Vicat 50°C/h at 49,05N (B)		°C	ISO 306
Flammability			
GWT at 2 mm	650	°C	IEC 695-2-1
UL94 at 1.6 mm	HB		UL94
Mould shrinkage (with flow)	1,5-1,8	%	ISO 2577
Mould shrinkage (across flow)	1,5-1,8	%	ISO 2577

Preliminary datasheet

Version 1

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