

TECNOPRENE® VBM44LELP

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Polypropylene, 20% glass beads and 20% mineral filled, laser printable, low emission

Product information

Resin Identification	PP-(GB+T)40	ISO 1043
Part Marking Code	>PP-(GB+T)40<	ISO 11469

Rheological properties

Melt mass-flow rate	15 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile modulus	3400 MPa	ISO 527-1/-2
Tensile stress at yield, 50mm/min	21 MPa	ISO 527-1/-2
Tensile strain at break, 50mm/min	10 %	ISO 527-1/-2
Charpy impact strength, 23°C	16 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	2.1 kJ/m ²	ISO 179/1eA
Poisson's ratio	0.37 ^[C]	

[C]: Calculated

Thermal properties

Temperature of deflection under load, 1.8 MPa	72 °C	ISO 75-1/-2
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Flammability

Burning Behav. at 1.5mm nom. thickn.	HB class	IEC 60695-11-10
Burning Behav. at thickness h	HB class	IEC 60695-11-10
Thickness tested	3.2 mm	IEC 60695-11-10

Physical/Other properties

Density	1230 kg/m ³	ISO 1183
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Injection

Ejection temperature	120 °C
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Characteristics

Processing	Injection Moulding
Additives	Mineral Filler
Special characteristics	Laser Markable, High Flow, Low emissions

Additional information

Processing Notes

Storage

This product should be stored in a covered facility and kept away from moisture and heat.