

TALCOPRENE® C1016M8UEL

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Polypropylene, copolymer, elastomer modified, 16% mineral filled, UV stabilised.

Product information

Resin Identification	PP-T16	ISO 1043
Part Marking Code	>PP-T16<	ISO 11469

Rheological properties

Melt mass-flow rate	10 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	
Moulding shrinkage range, parallel	0.7 - 1 %	ISO 294-4, 2577
Moulding shrinkage range, normal	0.7 - 1 %	ISO 294-4, 2577

Typical mechanical properties

Tensile stress at yield, 50mm/min	18 MPa	ISO 527-1/-2
Nominal strain at break	25 %	ISO 527-1/-2
Flexural modulus	1400 MPa	ISO 178
Flexural strength	26 MPa	ISO 178
Charpy notched impact strength, 23°C	30 kJ/m ²	ISO 179/1eA

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
FMVSS Class	B	ISO 3795 (FMVSS 302)
Burning rate, Thickness 1 mm	64.8 mm/min	ISO 3795 (FMVSS 302)

Physical/Other properties

Density	1020 kg/m ³	ISO 1183
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Characteristics

Processing	Injection Moulding
Additives	Mineral Filler
Special characteristics	High impact or impact modified, U.V. stabilised or stable to weather

Additional information

Processing Notes

Storage

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