

TALCOPRENE® 1540TLT1

TALCOPRENE®

Polypropylene, homopolymer, 38% mineral filled, high heat stabilization, low fogging

Product information

Resin Identification	PP-T38	ISO 1043
Part Marking Code	>PP-T38<	ISO 11469

Rheological properties

Melt mass-flow rate	14 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	
Moulding shrinkage, parallel	0.9 %	ISO 294-4, 2577
Moulding shrinkage range, parallel	0.9 - 1 %	ISO 294-4, 2577
Moulding shrinkage, normal	0.9 %	ISO 294-4, 2577
Moulding shrinkage range, normal	0.9 - 1 %	ISO 294-4, 2577

Typical mechanical properties

Tensile modulus	3800 MPa	ISO 527-1/-2
Tensile stress at break, 5mm/min	26 MPa	ISO 527-1/-2
Tensile strain at break, 5mm/min	4 %	ISO 527-1/-2
Flexural modulus	3700 MPa	ISO 178
Flexural strength	45 MPa	ISO 178
Charpy notched impact strength, 23 °C	1.7 kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23 °C	2.2 kJ/m ²	ISO 180/1A
Poisson's ratio	0.36 ^[C]	

[C]: Calculated

Thermal properties

Melting temperature, 10 °C/min	164 °C	ISO 11357-1/-3
Vicat softening temperature, 50 °C/h 50N	98 °C	ISO 306

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	91.8 mm/min	ISO 3795 (FMVSS 302)

Physical/Other properties

Density	1260 kg/m ³	ISO 1183
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Characteristics

Processing	Injection Moulding
Additives	Mineral Filler
Special characteristics	Heat stabilised or stable to heat

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Additional information

Processing Notes

Storage

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

Automotive

OEM

Mercedes-Benz

VW Group

STANDARD

No Spec listed

VW 44045

ADDITIONAL INFORMATION

PP8

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