

TALCOPRENE® 540TL2 LE

TALCOPRENE®

Polypropylene, homopolymer, mineral filled, heat stabilized, low emission.

Product information

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

Rheological properties

Melt mass-flow rate	5 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile modulus	3500 MPa	ISO 527-1/-2
Tensile stress at yield, 50mm/min	29 MPa	ISO 527-1/-2
Tensile strain at yield, 50mm/min	3.2 %	ISO 527-1/-2
Tensile strain at break, 50mm/min	10 %	ISO 527-1/-2
Flexural modulus	3200 MPa	ISO 178
Flexural strength	48 MPa	ISO 178
Charpy impact strength, 23 °C	25 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23 °C	2.6 kJ/m ²	ISO 179/1eA
Poisson's ratio	0.37 ^[C]	

[C]: Calculated

Thermal properties

Temperature of deflection under load, 1.8 MPa	74 °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
FMVSS Class	B	ISO 3795 (FMVSS 302)
Burning rate, Thickness 1 mm	61.7 mm/min	ISO 3795 (FMVSS 302)

Physical/Other properties

Density	1250 kg/m ³	ISO 1183
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Injection

Ejection temperature	121 °C
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Characteristics

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

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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

Bosch

Bosch

VW Group

STANDARD

N28 BN09-TS027

N28 BN09-TS027

no spec, special part approval

ADDITIONAL INFORMATION

Natural

Black