



TALCOPRENE® 540TL2 LE

TALCOPRENE®

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

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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	В	ISO 3795 (FMVSS 302)
Burning rate, Thickness 1 mm	61.7 mm/min	ISO 3795 (FMVSS 302)

Physical/Other properties

ISO 1183
190 1109

Injection

Ejection temperature 121 °C

Characteristics

Processing Injection Moulding
Additives Mineral Filler

Special characteristics Heat stabilised or stable to heat, Low emissions

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Revised: 2025-04-18 Source: Celanese Materials Database

(+) 18816996168 Ponciplastics.com



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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 STANDARD ADDITIONAL INFORMATION

 Bosch
 N28 BN09-TS027
 Natural

 Bosch
 N28 BN09-TS027
 Black

VW Group no spec, special part approval

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