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	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile modulus	508000	psi	ISO 527-1/-2
Tensile stress at yield, 50mm/min	4200	psi	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	464000	psi	ISO 178
Flexural strength	6960	psi	ISO 178
Charpy impact strength, 23°C	11.9	ftlb/in²	ISO 179/1eU
Charpy notched impact strength, 23°C	1.24	ftlb/in²	ISO 179/1eA

Thermal properties

Temperature of deflection under load, 1.8 MPa	165	°F	ISO 75-1/-2

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	0.1260	in	IEC 60695-11-10
FMVSS Class	B		ISO 3795 (FMVSS 302)
Burning rate, Thickness 1 mm	2.44	in/min	ISO 3795 (FMVSS 302)

Physical/Other properties

Density	0.0451	lb/in³	ISO 1183

Injection

Ejection temperature	250	°F	

Automotive

OEM	STANDARD	ADDITIONAL INFORMATION
Bosch	N28 BN09-TS027	Natural
Bosch	N28 BN09-TS027	Black
VW Group	no spec, special part approval	

Revised: 2026-08-12 Source: Celanese Materials Database

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Characteristics

Processing	Injection Molding
Special characteristics	Heat stabilized or stable to heat, Low emissions

Additional information

Processing Notes

Storage

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

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