TALCOPRENE® 1540TL1

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Polypropylene, homopolymer, 40% mineral filled.

Product information

Resin Identification	PP-T40		ISO 1043
Part Marking Code	>PP-T40<		ISO 11469

Rheological properties

Melt mass-flow rate	15	g/10min	ISO 1133
Melt mass-flow rate, Temperature	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile modulus	595000	psi	ISO 527-1/-2
Tensile stress at break, 5mm/min	4060	psi	ISO 527-1/-2
Tensile strain at break, 5mm/min	4.5	%	ISO 527-1/-2
Flexural modulus	566000	psi	ISO 178
Flexural strength	6960	psi	ISO 178
Izod notched impact strength, 23°C	1.05	ftlb/in^2	ISO 180/1A

Thermal properties

Vicat softening temperature, 50°C/h 50N	212	°F	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	0.1260	in	IEC 60695-11-10
FMVSS Class	B		ISO 3795 (FMVSS 302)
Burning rate, Thickness 2 mm	2.76[1]	in/min	ISO 3795 (FMVSS 302)

[1]: Thickness = 1.7mm

Physical/Other properties

Density	0.0466	lb/in^3	ISO 1183

Characteristics

Processing	Injection Molding

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

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