TALCOPRENE® 340TL

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Polypropylene, homopolymer, mineral filled, high heat stabilization.

Product information

Resin Identification	PP-T37		ISO 1043
Part Marking Code	>PP-T37<		ISO 11469

Rheological properties

Melt mass-flow rate	4.5	g/10min	ISO 1133
Melt mass-flow rate, Temperature	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile modulus	493000	psi	ISO 527-1/-2
Tensile stress at yield, 50mm/min	4200	psi	ISO 527-1/-2
Tensile strain at yield, 50mm/min	3	%	ISO 527-1/-2
Tensile strain at break, 50mm/min	12	%	ISO 527-1/-2
Flexural modulus	508000	psi	ISO 178
Flexural strength	6530	psi	ISO 178
Charpy impact strength, 23°C	14.3	ftlb/in^2	ISO 179/1eU
Charpy notched impact strength, 23°C	1.24	ftlb/in^2	ISO 179/1eA

Thermal properties

Temperature of deflection under load, 1.8 MPa	162	°F	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	203	°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

Physical/Other properties

Density	0.0448	lb/in^3	ISO 1183

Characteristics

Processing	Injection Molding
Special characteristics	Heat stabilized or stable to heat

Additional information

Processing Notes

Storage

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

Revised: 2026-02-18 Source: Celanese Materials Database

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