TALCOPRENE® 1040TC NAT

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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	10	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	3800	psi	ISO 527-1/-2
Tensile strain at yield, 50mm/min	3	%	ISO 527-1/-2
Flexural modulus	522000	psi	ISO 178
Flexural strength	6380	psi	ISO 178
Charpy impact strength, 23°C	11.9	ftlb/in²	ISO 179/1eU
Charpy notched impact strength, 23°C	0.856	ftlb/in²	ISO 179/1eA
Izod notched impact strength, 23°C	0.951	ftlb/in²	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

Physical/Other properties

Density	0.0462	lb/in³	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.

Revised: 2024-01-23 Source: Celanese Materials Database

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