TALCOPRENE® OC2520CM2U1 NERO 8153 (OK1)

TALCOPRENE®

Polypropylene, 20% mineral filled, UV stabilised

Product information

Resin Identification	PP-T20		ISO 1043
Part Marking Code	>PP-T20<		ISO 11469

Rheological properties

Melt mass-flow rate	25	g/10min	ISO 1133
Melt mass-flow rate, Temperature	446	°F	
Melt mass-flow rate, Load	4.76	lb	

Typical mechanical properties

Tensile modulus	421000	psi	ISO 527-1/-2
Tensile stress at yield, 50mm/min	3900	psi	ISO 527-1/-2
Flexural modulus	406000	psi	ISO 178
Flexural strength	6090	psi	ISO 178
Charpy notched impact strength, 23°C	1.33	ftlb/in²	ISO 179/1eA
Izod notched impact strength, 23°C	1.43	ftlb/in²	ISO 180/1A

Thermal properties

Vicat softening temperature, 50°C/h 50N	180	°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	0.0379	lb/in³	ISO 1183

Injection

Drying Temperature	212	°F
Drying Time, Dehumidified Dryer	2 - 3	h
Min. mold temperature	86	°F
Max. mold temperature	140	°F

Characteristics

Processing	Injection Molding
Special characteristics	U.V. stabilized or stable to weather

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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