



TALCOPRENE® OC2520CM2U1 NERO 8153 (OK1) TALCOPRENE®

Polypropylene, 20% mineral filled, UV stabilised

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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	230 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile modulus	2900	MPa	ISO 527-1/-2
Tensile stress at yield, 50mm/min	27	MPa	ISO 527-1/-2
Flexural modulus	2800	MPa	ISO 178
Flexural strength	42	MPa	ISO 178
Charpy notched impact strength, 23°C	2.8	kJ/m²	ISO 179/1eA
Izod notched impact strength, 23°C	3	kJ/m²	ISO 180/1A
Poisson's ratio	0.37 ^[C]		

[C]: Calculated

Thermal properties

Vicat softening temperature, 50°C/h 50N	82 °C	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	3.2 mm	IEC 60695-11-10

Physical/Other properties

Density	1050 kg/m³	ISO 1183
Bonony	1000 (tg/11)	100 1100

Injection

Drying Temperature	100 °C
Drying Time, Dehumidified Dryer	2-3 h
Min. mould temperature	30 °C
Max. mould temperature	60 °C

Characteristics

Processing Injection Moulding
Additives Mineral Filler

Special characteristics U.V. stabilised or stable to weather

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

(+) 18816996168 Ponciplastics.com



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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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