

POLIFOR® C20 TR/30 UV

POLIFOR®

Polypropylene, copolymer, 30% mineral filled, UV stabilised

Product information

Resin Identification	PP-T30	ISO 1043
Part Marking Code	>PP-T30<	ISO 11469

Rheological properties

Melt mass-flow rate	15 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile modulus	1900 MPa	ISO 527-1/-2
Tensile stress at yield, 50mm/min	18 MPa	ISO 527-1/-2
Tensile strain at yield, 50mm/min	3.3 %	ISO 527-1/-2
Nominal strain at break	25 %	ISO 527-1/-2
Flexural modulus	1900 MPa	ISO 178
Charpy impact strength, 23°C	60 kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	25 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	5.5 kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	2 kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23°C	5.5 kJ/m ²	ISO 180/1A
Poisson's ratio	0.41 ^[C]	

[C]: Calculated

Thermal properties

Temperature of deflection under load, 1.8 MPa	63 °C	ISO 75-1/-2
Vicat softening temperature, 50°C/h 50N	58 °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
FMVSS Class	B	ISO 3795 (FMVSS 302)
Burning rate, Thickness 1 mm	77.8 mm/min	ISO 3795 (FMVSS 302)

Physical/Other properties

Density	1150 kg/m ³	ISO 1183
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Characteristics

Processing	Injection Moulding
Additives	Mineral Filler
Special characteristics	U.V. stabilised or stable to weather

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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.

Automotive

OEM

Mercedes-Benz

Stellantis

STANDARD

DBL5416

B62 0300 / 61/AD1/U4/W1/210E/22/C1/C1B

ADDITIONAL INFORMATION

(5416.90), Black(Nero)

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