

POLIFOR® C20 TR/30 UV

Polypropylene, copolymer, 30% mineral filled, UV stabilised

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
Yield stress, 50mm/min	18 MPa	ISO 527-1/-2
Yield strain, 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/m²	ISO 179/1eU
Charpy impact strength, -30 °C	25 kJ/m²	ISO 179/1eU
Charpy notched impact strength, 23°C	5.5 kJ/m²	ISO 179/1eA
Charpy notched impact strength, -30 °C	2 kJ/m²	ISO 179/1eA
Izod notched impact strength, 23°C	5.5 kJ/m²	ISO 180/1A

Thermal properties

Temp. of deflection under load, 1.8 MPa	63 °C	ISO 75-1/-2
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Flammability

Burning Behav. at 1.5mm nom. thickn.	HB class	UL 94
Burning Behav. at thickness h	HB class	UL 94

Other properties

Density	1150 kg/m³	ISO 1183
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Injection

Drying Temperature	80 - 100 °C
Drying Time, Dehumidified Dryer	2 - 3 h
Max. mould temperature	30 - 60 °C

Characteristics

Additives	Mineral Filler
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Processing Texts

Longer pre-drying times/storage	This product should be stored in a covered facility and kept away from moisture and heat.
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Other Approvals

Other Approvals

OEM	Specification	Additional Information
Stellantis - PSA Group	01994_17_00166	
Mercedes-Benz Group (Daimler)	DBL 5416	(5416.90), Black(Nero)

