

POLIFOR® C20 TR/20 UV Y1

Polypropylene, copolymer, 20% 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

Yield stress, 50mm/min	26 MPa	ISO 527-1/-2
Flexural Modulus	2500 MPa	ISO 178
Charpy impact strength, 23°C	>60 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	4 kJ/m ²	ISO 179/1eA

Thermal properties

Temp. of deflection under load, 1.8 MPa	65 °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	1040 kg/m ³	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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