

POLIFOR® C12 CA/06 UV Y1 V9

Polypropylene copolymer, mineral filled, UV stabilised

Rheological properties

Melt mass-flow rate	11 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	

Typical mechanical properties

Tensile Modulus	1500 MPa	ISO 527-1/-2
Yield stress, 50mm/min	24 MPa	ISO 527-1/-2
Yield strain, 50mm/min	7 %	ISO 527-1/-2
Strain at break, 5mm/min	>20 %	ISO 527-1/-2
Flexural Modulus	1500 MPa	ISO 178
Flexural Strength	30 MPa	ISO 178
Charpy impact strength, 23°C	>80 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	6.5 kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23°C	6.5 kJ/m ²	ISO 180/1A

Thermal properties

Vicat softening temperature, 50°C/h, 50N	66 °C	ISO 306
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Flammability

Burning Behav. at 1.5mm nom. thickn.	HB class	UL 94
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Other properties

Density	980 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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Printed: 2023-07-21

Page: 2 of 2

Revised: 2022-02-28 Source: Celanese Materials Database

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