

POLIFOR® C12 CA/06 UV Y1 V9

POLIFOR®

Polypropylene copolymer, mineral filled, UV stabilised

Product information

Resin Identification	PP-T10	ISO 1043
Part Marking Code	>PP-T10<	ISO 11469

Rheological properties

Melt mass-flow rate	11 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile modulus	1500 MPa	ISO 527-1/-2
Tensile stress at yield, 50mm/min	24 MPa	ISO 527-1/-2
Tensile strain at yield, 50mm/min	7 %	ISO 527-1/-2
Tensile strain at break, 50mm/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
Poisson's ratio	0.43 ^[C]	

[C]: Calculated

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	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	980 kg/m ³	ISO 1183
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Characteristics

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

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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