

POLIFOR® 5020/V2-EP

POLIFOR®

Polypropylene, copolymer, UL94 V2, halogen and antimony free.

Product information

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

Rheological properties

Melt mass-flow rate	22 g/10min	ISO 1133
Melt mass-flow rate, Temperature	230 °C	
Melt mass-flow rate, Load	2.16 kg	

Typical mechanical properties

Tensile modulus	2000 MPa	ISO 527-1/-2
Tensile stress at yield, 50mm/min	20 MPa	ISO 527-1/-2
Flexural modulus	1900 MPa	ISO 178
Charpy impact strength, 23°C	50 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	2 kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23°C	2.2 kJ/m ²	ISO 180/1A
Poisson's ratio	0.4 ^[C]	

[C]: Calculated

Thermal properties

Vicat softening temperature, 50°C/h 50N	75 °C	ISO 306
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Flammability

Burning Behav. at 1.5mm nom. thickn.	V-2 class	IEC 60695-11-10
Burning Behav. at thickness h	V-2 class	IEC 60695-11-10
Thickness tested	3.2 mm	IEC 60695-11-10
UL recognition	yes	UL 94
Glow Wire Flammability Index, 3.0mm	850 °C	IEC 60695-2-12
Glow Wire Ignition Temperature, 3.0mm	775 °C	IEC 60695-2-13

Physical/Other properties

Density	1010 kg/m ³	ISO 1183
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Characteristics

Processing	Injection Moulding
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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.