

POLIFOR® PP FR 7B01

POLIFOR®

Polypropylene, homopolymer, unreinforced, UL94 V2.

Product information

Resin Identification	PP FR(15)	ISO 1043
Part Marking Code	>PP FR(15)<	ISO 11469

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 stress at yield, 50mm/min	30 MPa	ISO 527-1/-2
Flexural modulus	1550 MPa	ISO 178
Flexural strength	40 MPa	ISO 178
Charpy impact strength, 23°C	>80 kJ/m ²	ISO 179/1eU
Charpy notched impact strength, 23°C	2.8 kJ/m ²	ISO 179/1eA
Izod notched impact strength, 23°C	3.3 kJ/m ²	ISO 180/1A

Thermal properties

Vicat softening temperature, 50°C/h 50N	90 °C	ISO 306
RTI, electrical, 0.75mm	105 °C	UL 746B
RTI, impact, 0.75mm	105 °C	UL 746B
RTI, strength, 0.75mm	105 °C	UL 746B

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	0.75 mm	IEC 60695-11-10
UL recognition	yes	UL 94
Glow Wire Flammability Index, 3.0mm	960 °C	IEC 60695-2-12

Physical/Other properties

Density	940 kg/m ³	ISO 1183
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Characteristics

Processing	Injection Moulding
Additives	Flame retardant
Special characteristics	Flame retardant

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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