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Celanese
The chemistry inside innovation™

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/m²	ISO 179/1eU
Charpy notched impact strength, 23°C	2.8	kJ/m²	ISO 179/1eA
Izod notched impact strength, 23°C	3.3	kJ/m²	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/m³	ISO 1183

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.