

Product Description

Flame Rated, Medium Flow, Homopolymer Polypropylene

General Considerations

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|---------------------|---------------------|
| Resin ID (ISO 1043) | · PP |
| Processing | · Injection Molding |
| Color | · Natural |

Physical	Value	Unit	Method
Density / Specific Gravity	0,9	g/cm ³	ISO 1183
Melt Mass-Flow Rate - 230°C; 2,16kg	20	g/10min	ISO 1133
Molding Shrinkage	1,7	%	ISO 294-4

Mechanical	Value	Unit	Method
Yield Stress	30	MPa	ISO 527-1-2
Yield Strain	NB	%	ISO 527-1-2
Flexural Modulus	2000	MPa	ISO 178
Izod Notched Impact Strength 23°C	6	kJ/m ²	ISO 180/1A

Thermal	Value	Unit	Method
Melting Point	160	°C	--
Heat Deflection Temperature 0,45 MPa	106	°C	ISO 75-1-2

Flammability	Value	Unit	Method
Glow Wire 2,0 mm	850	°C	IEC 60695-2-1

Process		Unit	Method
Molding Process Temperature	190 to 230	°C	--
Mold Temperature	40 to 60	°C	--

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