Technical Data Sheet

Qr Resin QR-6012-NAT

Polypropylene Homopolymer
LyondellBasell Industries
Engineering Plastics

Product Description	
QR-6012-NAT is an Unfilled Polypropylene Homopolymer	
General	
Features	• Homopolymer
Appearance	• Natural Color
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.900	0.898 g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°c/2.16 Kg)	10 g/10 min	10 g/10 min	ASTM D1238
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Flexural Modulus	228000 psi	1570 MPa	ASTM D790
Impact	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Notched Izod Impact (73°f (23°c))	0.80 ft·lb/in	43 J/m	ASTM D256

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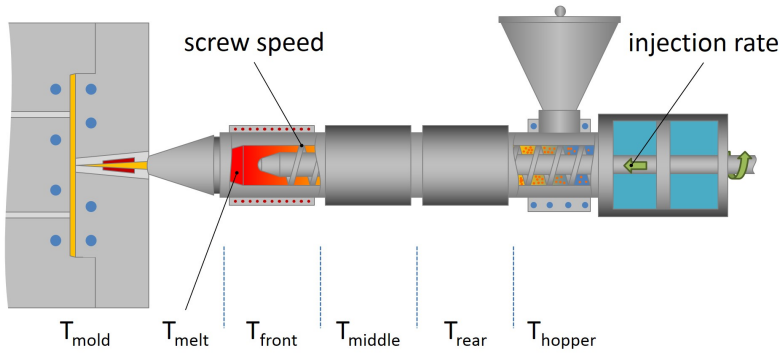

Injection	Nominal Value (English)	Nominal Value (SI)
Drying Temperature	300 °F	149 °C
Drying Time	4.0 to 6.0 hr	4.0 to 6.0 hr
Drying Time, Maximum	6.0 hr	6.0 hr
Rear Temperature	610 to 650 °F	321 to 343 °C
Middle Temperature	620 to 670 °F	327 to 354 °C
Front Temperature	650 to 700 °F	343 to 371 °C
Nozzle Temperature	640 to 680 °F	338 to 360 °C
Processing (Melt) Temp	650 to 700 °F	343 to 371 °C
Mold Temperature	270 to 320 °F	132 to 160 °C

Notes

These are typical property values not to be construed as specification limits.