Technical Data Sheet

Polyfort QR-6012-NAT

Polypropylene, Homopolymer

Product Description

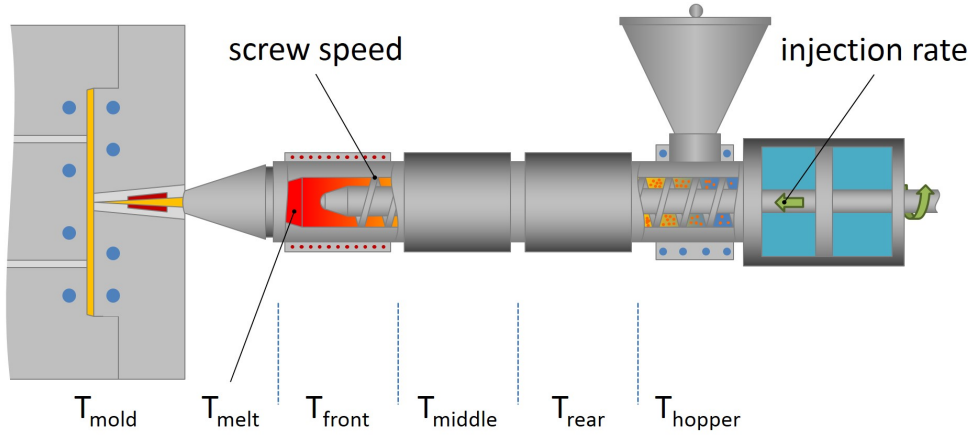
QR-6012-NAT is an Unfilled Polypropylene Homopolymer

Regulatory Status

For regulatory compliance information, see QR-6012-NAT Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	North America
Attribute	Homopolymer
Forms	Pellets
Appearance	Natural Color

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ASTM D1238
Density - Specific Gravity	0.898	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1570	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C)	43	J/m	ASTM D256



Injection Parameters	Nominal Value	Units
Drying Temperature	149	°C
Drying Time	4.0 to 6.0	hr
Drying Time, Maximum	6	hr

Rear Temperature	321 to 343	°C
Middle Temperature	327 to 354	°C
Front Temperature	343 to 371	°C
Nozzle Temperature	338 to 360	°C
Processing (Melt) Temp	343 to 371	°C
Mold Temperature	132 to 160	°C

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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