

Technical Data Sheet

Polyfort J-60/40/E/NS BK223



Polypropylene, Homopolymer

Product Description

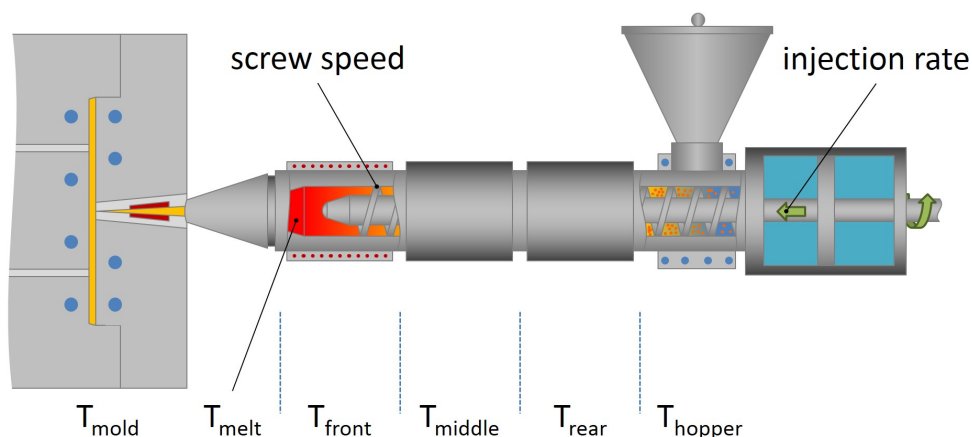
40% Glass-Reinforced Polypropylene

Regulatory Status

For regulatory compliance information, see J-60/40/E/NS BK223 [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	North America
Processing Method	Injection Molding
Attribute	Chemically Coupled
Forms	Pellets
Filler/Reinforcement	Glass Fiber, 40%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.23	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Break, (23 °C)	96.5	MPa	ASTM D638
Flexural Modulus, (23 °C)	6480	MPa	ASTM D790
Flexural Strength at Break, (23 °C)	133	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C, 3.18 mm)	80	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	159	°C	ASTM D648



Nominal

Injection Parameters	Nominal Value	Units
Nozzle Temperature	182 to 193	°C
Processing (Melt) Temp	199 to 232	°C
Front Temperature	193 to 216	°C
Middle Temperature	204 to 227	°C
Rear Temperature	199 to 210	°C
Mold Temperature	38 to 71	°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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