

Technical Data Sheet

Polyfort POLYPROPYLENE PP 3052X-01NAT



Polypropylene, Impact Copolymer

Product Description

Polypropylene PP 3052X-01 is an extra high flow impact resistant copolymer with a relatively high stiffness.

Regulatory Status

For regulatory compliance information, see POLYPROPYLENE PP 3052X-01NAT [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	Asia-Pacific; North America
Processing Method	Injection Molding
Attribute	Good Impact Resistance; High Flow; High Stiffness; Impact Copolymer
Forms	Pellets

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	30 to 35	g/10 min	ASTM D1238
Density - Specific Gravity	0.9	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (51 mm/min)	27.6	MPa	ASTM D638
Flexural Modulus	1240	MPa	ASTM D790
Impact			
Gardner Impact, (-29 °C)	20.0	J	ASTM D5420
Notched Izod Impact	75	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	106	°C	ASTM D648

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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