

Technical Data Sheet

Polyfort POLYPROPYLENE PP 2175-01



Polypropylene Copolymer

Product Description

PP 2175 is a high flow copolymer polypropylene suitable for parts which require a material with the following properties. It is compared below to Toyota TSM 5514G-2 A/B testing requirements.

Regulatory Status

For regulatory compliance information, see POLYPROPYLENE PP 2175-01 NATURAL [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	30	g/10 min	ASTM D1238
Density - Specific Gravity	0.903	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	24	MPa	ASTM D638
Flexural Modulus	1140	MPa	ASTM D790
Tensile Elongation at Break	>200	%	ASTM D638
Impact			
Notched Izod Impact	75	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	85		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	108	°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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