

Technical Data Sheet



Asi Polypropylene 1930-01

Polypropylene Copolymer
LyondellBasell Industries
Distribution

Product Description

PP 1930 is an automotive recognized copolymer polypropylene for use on interior trim applications.

General

Material Status	• Commercial: Active	
Availability	• Asia Pacific	• North America
Features	• Copolymer	
Uses	• Automotive Interior Trim	
Forms	• Pellets	
Processing Method	• Compounding	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.905	0.902 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	34 g/10 min	34 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	3770 psi	26.0 MPa	ASTM D638
Flexural Modulus - Tangent ²	174000 psi	1200 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	1.4 ft·lb/in	75 J/m	ASTM D256
Instrumented Dart Impact (-22°F (-30°C))	177 in·lb	20.0 J	GM 9300P
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 66 psi (0.45 MPa), Unannealed	219 °F	104 °C	ASTM D648

Notes

¹ 2.0 in/min (50 mm/min)

² 0.051 in/min (1.3 mm/min)

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.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

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

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