

Technical Data Sheet



Asi Polypropylene 984

Polypropylene Impact Copolymer
LyondellBasell Industries
Distribution

Product Description

PP 984 is a medium impact polypropylene used primarily for automotive parts subjected to impact. It is available in colors.

General

Material Status	• Commercial: Active	
Availability	• Asia Pacific	• North America
Features	• Impact Copolymer	• Medium Impact Resistance
Uses	• Automotive Applications	
Appearance	• Colors Available	
Forms	• Pellets	
Processing Method	• Injection Molding	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.902	0.900 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0 to 10 g/10 min	8.0 to 10 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	3630 psi	25.0 MPa	ASTM D638
Tensile Elongation ¹ (Yield)	10 %	10 %	ASTM D638
Flexural Modulus	145000 psi	1000 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	1.9 ft·lb/in	100 J/m	ASTM D256
Gardner Impact (-22°F (-30°C))	95.6 in·lb	10.8 J	
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 66 psi (0.45 MPa), Unannealed	194 °F	90.0 °C	ASTM D648
Flammability	Nominal Value (English)	Nominal Value (SI)	
Burning Rate	< 4.0 in/min	< 100 mm/min	

Notes

¹ 2.0 in/min (51 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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