

Technical Data Sheet



Asi Polypropylene PP 3495-01 01 Natural

Polypropylene Impact Copolymer

LyondellBasell Industries

Distribution

Product Description

PP 3495 is a high flow, high impact copolymer polypropylene suitable for injection molding applications which require a material with the following properties.

General

Material Status	• Commercial: Active		
Availability	• Asia Pacific	• North America	
Features	• High Flow	• High Impact Resistance	• Impact Copolymer
Processing Method	• Injection Molding		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.900	0.898 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30 g/10 min	30 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield, 73°F (23°C))	3100 psi	21.4 MPa	ASTM D638
Tensile Elongation (Yield, 73°F (23°C))	6.0 %	6.0 %	ASTM D638
Flexural Modulus (73°F (23°C))	155000 psi	1070 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	> 10 ft·lb/in	> 530 J/m	ASTM D256
Gardner Impact	300 in·lb	33.9 J	ASTM D5420
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Heat Deflection Temperature	211 °F	99 °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.

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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