

Technical Data Sheet

**Icorene N4506**

Polypropylene Random Copolymer
LyondellBasell Industries
Custom Powders

Product Description

ICORENE® N4506 is a special modified high melt-flow transparent polypropylene random copolymer.

This grade is intended for use in medical applications.

General

Material Status	• Commercial: Active		
Availability	• Europe		
Features	• High Clarity • High Flow	• High Gloss • Random Copolymer	
Uses	• Masterbatch	• Medical Devices	
Forms	• Powder		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.905 g/cm ³	0.905 g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20 g/10 min	20 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus	152000 psi	1050 MPa	ISO 527-2

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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