

Technical Data Sheet

Polyfort HP0306LNATURAL



Polypropylene, Homopolymer

Product Description

Polyfort HP0306LNATURAL is a Polypropylene Homopolymer material.

Regulatory Status

For regulatory compliance information, see HP0306LNATURAL [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Forms	Pellets

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ASTM D1238
Density - Specific Gravity	0.901	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	10	%	ASTM D638
Tensile Strength at Yield	36	MPa	ASTM D638
Tensile Strength at Break	22	MPa	ASTM D638
Flexural Modulus	1400	MPa	ASTM D790
Tensile Elongation at Break	400	%	ASTM D638
Tensile Modulus	1300	MPa	ASTM D638
Flexural Strength	42	MPa	ASTM D790
Impact			
Notched Izod Impact, (3.18 mm)	30	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	92		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	53	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	82	°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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