

Technical Data Sheet

Polyfort HP0315A13156BLK



Polypropylene, Homopolymer

Product Description

Polyfort HP0315A13156BLK is a Polypropylene Homopolymer material. Features include: Heat Aging Resistant.

Regulatory Status

For regulatory compliance information, see HP0315A13156BLK [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Attribute	Good Heat Aging Resistance
Forms	Pellets

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	8.0	g/10 min	ASTM D1238
Density - Specific Gravity	0.905	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	12	%	ASTM D638
Tensile Strength at Yield	33	MPa	ASTM D638
Tensile Strength at Break	25	MPa	ASTM D638
Flexural Modulus	1160	MPa	ASTM D790
Tensile Elongation at Break	500	%	ASTM D638
Tensile Modulus	1130	MPa	ASTM D638
Flexural Strength	37	MPa	ASTM D790
Impact			
Notched Izod Impact, (3.18 mm)	44	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	97		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	53	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	85	°C	ASTM D648
UL Information			
Flame Rating, (1.6 mm)	HB		UL 94

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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