

Technical Data Sheet

Polyfort AQUALOY 145 NNAT



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Reinforced Highly Chemically Coupled Polypropylene

Regulatory Status

For regulatory compliance information, see AQUALOY 145 NNAT [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Attribute	Chemically Coupled
Appearance	Natural Color

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.24	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Break	86	MPa	ASTM D638
Flexural Modulus	6020	MPa	ASTM D790
Tensile Elongation at Break	2	%	ASTM D638
Flexural Strength	108	MPa	ASTM D790
Impact			
Unnotched Izod Impact	360	J/m	ASTM D4812
Notched Izod Impact	69	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	145	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	158	°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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