



Polyfort AQUALOY 145 NNAT

LyondellBasell Industries - Polypropylene

General Information

Product Description

Reinforced Highly Chemically Coupled Polypropylene

General

Features	• Chemically Coupled
Appearance	• Natural Color
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	12500	psi	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	873000	psi	ASTM D790
Flexural Strength	15700	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.3	ft-lb/in	ASTM D256
Unnotched Izod Impact	6.7	ft-lb/in	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	316	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	293	°F	ASTM D648