

**Technical Data Sheet**

**Polyfort AQUALOY 145 NNAT**



Polypropylene, Unspecified (PP, Unspecified)

**Product Description**

Reinforced Highly Chemically Coupled Polypropylene

<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Chemically Coupled
<b>Appearance</b>	Natural Color

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Density - Specific Gravity	1.24	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
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
<b>Impact</b>			
Unnotched Izod Impact	360	J/m	ASTM D4812
Notched Izod Impact	69	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	145	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	158	°C	ASTM D648