

Technical Data Sheet

Polyfort RPP05EU85NA-NA GAPEXNAT



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Polyfort RPP05EU85NA-NA GAPEXNAT is a Polypropylene, Unspecified Glass Fiber, 5.0% filled material. Features include: Chemically Coupled, and Heat Stabilized.

Attribute	Chemically Coupled; Heat Stabilized
Forms	Pellets
Additive	Heat Stabilizer
Filler/Reinforcement	Glass Fiber, 5.0%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	6.0	g/10 min	ASTM D1238
Density - Specific Gravity	0.958	g/cm ³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	41.4	MPa	ASTM D638
Flexural Modulus			
(23 °C, 1% Secant)	2000	MPa	ASTM D790
(23 °C, Tangent)	2070	MPa	ASTM D790
Tensile Elongation at Break, (23 °C)	5.5	%	ASTM D638
Flexural Strength, (23 °C)	62.7	MPa	ASTM D790
Impact			
Gardner Impact, (23 °C)	0.960	J	ASTM D5420
Unnotched Izod Impact, (23 °C)	450	J/m	ASTM D4812
Notched Izod Impact, (23 °C)	96	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	107	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	149	°C	ASTM D648