

GAPEX® RPP30EA67HB NATURAL

Polypropylene Homopolymer

Ferro Corporation

Message:

GAPEX® RPP30EA67HB NATURAL is a Polypropylene Homopolymer (PP Homopolymer) material filled with 30% glass fiber. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.
Important attributes of GAPEX® RPP30EA67HB NATURAL are:
Chemically Coupled
Homopolymer

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	Chemically Coupled		
	Homopolymer		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	0.30	%	
Across Flow	0.90	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	78.6	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	5.0	%	ASTM D638
Flexural Modulus			ASTM D790
1% Secant : 23°C	5280	MPa	
Tangent : 23°C	5410	MPa	
Flexural Strength (23°C)	118	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	75	J/m	ASTM D256
Unnotched Izod Impact (23°C)	450	J/m	ASTM D4812
Gardner Impact (23°C)	0.226	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	157	°C	
1.8 MPa, Unannealed	146	°C	
Additional Information	Nominal Value	Unit	Test Method
Filler Content	30	%	ASTM D2584

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