

Network Polymers PP PPH 30 0500 GF20

Polypropylene Homopolymer

Network Polymers, Inc.

Message:

Network Polymers PP PPH 30 0500 GF20 is a Polypropylene Homopolymer (PP Homopolymer) product filled with 20% glass fiber. It is available in North America.

General Information			
Filler / Reinforcement	Glass Fiber,20% Filler by Weight		
Appearance	Black		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.10	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) ¹ (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield)	70.1	MPa	ASTM D638
Tensile Elongation ³ (Yield)	3.0	%	ASTM D638
Flexural Modulus ⁴	3800	MPa	ASTM D790B
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	91	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed, 3.18 mm)	135	°C	ASTM D648
Additional Information	Nominal Value	Unit	Test Method
Filler Content	20	%	ASTM D2584
NOTE			
1.	Procedure A		
2.	5.1 mm/min		
3.	5.1 mm/min		
4.	Method I (3 point load)		

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Recommended distributors for this material

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