

Hyprom PPH-GF40 NATURAL

Polypropylene Homopolymer

Entec Polymers

Message:

Homopolymer Polypropylene, 40% Glass Reinforced, Natural Color, 10 Melt Flow

General Information			
Filler / Reinforcement	Glass Fiber,40% Filler by Weight		
Features	Homopolymer		
RoHS Compliance	RoHS Compliant		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	110	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield, 23°C	2.0	%	
Break, 23°C	3.0	%	
Flexural Modulus - Tangent (23°C)	6760	MPa	ASTM D790
Flexural Strength (23°C)	145	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	157	°C	
1.8 MPa, Unannealed	149	°C	

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