

Hypro® PPC-GF15 NATURAL

Polypropylene Impact Copolymer

Entec Polymers

Message:

Impact Polypropylene, 15% Glass Reinforced, Natural Color, 10 Melt Flow

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Features	Impact Copolymer		
RoHS Compliance	RoHS Compliant		
Appearance	Natural Color		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	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)	54.5	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	5.0	%	ASTM D638
Flexural Modulus - 1% Secant (23°C)	2280	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	140	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	146	°C	
1.8 MPa, Unannealed	121	°C	

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