



HYPRO-F® PPH-GF10 NATURAL

Entec Polymers - Polypropylene Homopolymer

Tuesday, November 5, 2019

General Information

Product Description

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

General

Material Status • Commercial: Active

Availability • North America

Filler / Reinforcement • Glass Fiber, 10% Filler by Weight

Features • Homopolymer

RoHS Compliance • RoHS Compliant

Appearance • Natural Color

Forms • Pellets

ASTM & ISO Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	0.982		ASTM D792
Melt Mass-Flow Rate (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical			
Tensile Strength (Yield, 73°F)	7800	psi	ASTM D638
Tensile Elongation (Yield, 73°F)	3.0	%	ASTM D638
Tensile Elongation (Break, 73°F)	6.0	%	ASTM D638
Flexural Modulus - Tangent (73°F)	390000	psi	ASTM D790
Flexural Strength (73°F)	9500	psi	ASTM D790
Impact			
Notched Izod Impact (73°F, 0.125 in)	1.2	ft·lb/in	ASTM D256
Thermal			
Deflection Temperature Under Load (66 psi, Unannealed)	285	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	255	°F	ASTM D648

Notes

¹ Typical properties: these are not to be construed as specifications.