



HYPRO-F® PPH-GF20 NATURAL

Entec Polymers - Polypropylene Homopolymer

Tuesday, November 5, 2019

General Information

Product Description

Homopolymer Polypropylene, 20% Glass Reinforced, Natural Color, 10 Melt Flow

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Features	• Homopolymer
RoHS Compliance	• RoHS Compliant
Appearance	• Natural Color
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.04		ASTM D792
Melt Mass-Flow Rate (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	11800	psi	ASTM D638
Tensile Elongation (Yield, 73°F)	3.0	%	ASTM D638
Tensile Elongation (Break, 73°F)	4.0	%	ASTM D638
Flexural Modulus - Tangent (73°F)	510000	psi	ASTM D790
Flexural Strength (73°F)	13500	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	1.6	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	300	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	270	°F	ASTM D648

Notes

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