



HYPRO-G® PP-HP4

Entec Polymers - Polypropylene Homopolymer

Tuesday, November 5, 2019

General Information

Product Description

Homopolymer, 4 Melt Flow

This product meets the requirements of the US Food and Drug Administration as specified in 21 CFR 177.1520.

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Homopolymer
Agency Ratings	• FDA 21 CFR 177.1520

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (230°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	4980	psi	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Flexural Modulus - 1% Secant	213000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	0.74	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	221	°F	ASTM D648

Notes

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