



HYPRO-G® PP-HP45

Entec Polymers - Polypropylene Homopolymer

Tuesday, November 5, 2019

General Information

Product Description

Homopolymer, 45 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	0.910	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (230°C/2.16 kg)	45	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	5830	psi	ASTM D638
Tensile Elongation (Break)	> 300	%	ASTM D638
Flexural Modulus - 1% Secant	284000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	0.50	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	266	°F	ASTM D648

Notes

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