



HYPRO-G® PP-RP4C

Entec Polymers - Polypropylene Random Copolymer

Tuesday, November 5, 2019

General Information

Product Description

Random, Clarified Copolymer, 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
Additive	• Clarifier
Features	• High Clarity • Random Copolymer
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)	4270	psi	ASTM D638
Tensile Elongation (Break)	> 400	%	ASTM D638
Flexural Modulus	185000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	0.83	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	212	°F	ASTM D648

Notes

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