



HYPEL® PELLD5/.935

Entec Polymers - Linear Low Density Polyethylene

Tuesday, November 5, 2019

General Information

General

Material Status	• Commercial: Active
Availability	• North America
Features	• Food Contact Acceptable
Agency Ratings	• FDA 21 CFR 177.1520
RoHS Compliance	• RoHS Compliant
Forms	• Pellets

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.935		ASTM D792
Melt Mass-Flow Rate (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 73°F)	2700	psi	ASTM D638
Tensile Elongation ² (Yield, 73°F)	12	%	ASTM D638
Flexural Modulus ³ (73°F)	100000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Impact Strength (73°F, 0.125 in)	65	ft-lb	ARM
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	122	°F	ASTM D648

Notes

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

² 2.0 in/min

³ 0.051 in/min