

Hypel® PELLD5/.935

Linear Low Density Polyethylene

Entec Polymers

Message:

Hypel® PELLD5/.935 is a Linear Low Density Polyethylene material. It is available in North America.

Important attributes of Hypel® PELLD5/.935 are:

RoHS Compliant

Food Contact Acceptable

Typical application of Hypel® PELLD5/.935: Food Contact Applications

General Information			
Features	Food Contact Acceptable		
Agency Ratings	FDA 21 CFR 177.1520		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.933	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	5.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	18.6	MPa	ASTM D638
Tensile Elongation ¹ (Yield, 23°C)	12	%	ASTM D638
Flexural Modulus ² (23°C)	689	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Impact Strength (23°C, 3.18 mm)	88	J	ARM
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	50.0	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	1.3 mm/min		

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Recommended distributors for this material

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