

Hypel® PEHD.7/.962

High Density Polyethylene

Entec Polymers

Message:

Hypel® PEHD.7/.962 is a High Density Polyethylene material. It is available in North America.

Important attributes of Hypel® PEHD.7/.962 are:

RoHS Compliant

Food Contact Acceptable

Typical application of Hypel® PEHD.7/.962: Food Contact Applications

General Information			
Features	Food Contact Acceptable		
	High Density		
Agency Ratings	FDA 21 CFR 177.1520		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.962	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	69		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, 23°C)	31.7	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	400	%	ASTM D638
Flexural Modulus (23°C)	1550	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, 6.35 mm)	81.7	°C	ASTM D648
Vicat Softening Temperature	129	°C	ASTM D1525 ¹
NOTE			

1. Rate A (50°C/h), Loading 1 (10 N)

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

