

Hypel® PEHD10/.964

High Density Polyethylene

Entec Polymers

Message:

Hypel® PEHD10/.964 is a High Density Polyethylene material. It is available in North America. Primary attribute of Hypel® PEHD10/.964: RoHS Compliant.

General Information			
Features	High Density		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.964	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	68		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D638
Yield, 23°C	27.0	MPa	
Break, 23°C	20.0	MPa	
Tensile Elongation (Yield, 23°C)	8.0	%	ASTM D638
Flexural Modulus (23°C)	1300	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	131	°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



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