

NIMA HL 18400

High Density Polyethylene
Ovation Polymers Inc.

Message:
High Density Polyethylene - Halogenated FR compound with good impact resistance.

General Information			
Additive	Halogen		
Features	Impact resistance, good		
	Halogenated		
	Flame retardancy		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.30	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus ¹	400	MPa	ASTM D638
Tensile Strength ²			ASTM D638
Yield	18.0	MPa	ASTM D638
Fracture	15.0	MPa	ASTM D638
Tensile Elongation ³ (Break)	50	%	ASTM D638
Flexural Modulus ⁴ (50.0 mm Span)	320	MPa	ASTM D790
Flexural Strength ⁵ (Break, 50.0 mm Span)	16.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	190	J/m	ASTM D256
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
Additional Information			
Tensile Elongation at Break, ASTM D638: >50%			
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	50 mm/min		
4.	1.3 mm/min		
5.	1.3 mm/min		

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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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