

Osterlene® HD0860

High Density Polyethylene

Osterman & Company

Message:

Osterlene HD0860 is a narrow molecular weight distribution homopolymer that exhibits enhanced flow characteristics and a good balance of stiffness and impact resistance.

Osterlene HD0860 meets the requirements of the Food and Drug Administration, 21 CFR Section 177.1520. This regulation allows the use of this olefin polymer in "...articles or components of articles intended for use in contact with food." Specific limitations may apply. Contact your Osterman sales representative for more information.

General Information			
Features	Rigid, good Homopolymer Impact resistance, good Good liquidity Narrow molecular weight distribution		
Agency Ratings	FDA 21 CFR 177.1520		
Physical	Nominal Value	Unit	Test Method
Density	0.960	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	7.9	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	29.3	MPa	ASTM D638
Flexural Modulus			ASTM D790
-- ¹	1410	MPa	ASTM D790
1% secant	1310	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	75	J/m	ASTM D256
NOTE			
1.	Young's Modulus		

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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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