

SCG Chemicals EL-Leneâ„¸ H5840B High Density Polyethylene Blow Molding

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Blow Molding Grade

Material Notes:

Key Characteristics:Excellent environmental stress cracking resistance (ESCR)Excellent appearanceOdorlessSafe for food contactGood printabilityRecommended Applications: Bottles for food, juice, soft drink, milk, detergent, cosmetics products, lube oil, brake fluid, chemicalsInformation provided by SCG Chemicals

Order this product through the following link:

http://www.lookpolymers.com/polymer_SCG-Chemicals-EL-Lene-H5840B-High-Density-Polyethylene-Blow-Molding.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.958 g/cc	0.958 g/cc	ASTM D1505
Environmental Stress Crack Resistance	300 hour @Temperature 50.0 Â°C	300 hour @Temperature 122 Â°F	F50, 25% Igepal; ASTM D1693
Melt Flow	0.40 g/10 min @Load 2.16 kg, Temperature 190 Â°C	0.40 g/10 min @Load 4.76 lb, Temperature 374 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	66	66	ASTM D2240
Tensile Strength at Break	27.0 MPa	3920 psi	ASTM D638
Tensile Strength, Yield	34.3 MPa	4980 psi	ASTM D638
Elongation at Break	1000 %	1000 %	ASTM D638
Flexural Modulus	1.18 GPa	171 ksi	ASTM D790
Izod Impact, Notched	0.981 J/cm @Temperature 23.0 Â°C	1.84 ft-lb/in @Temperature 73.4 Â°F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	132 Â°C	270 Â°F	ASTM D2117
Vicat Softening Point	128 Â°C	262 Â°F	ASTM D1525
Brittleness Temperature	<= -60.0 Â°C	<= -76.0 Â°F	ASTM D746

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China