

**SCG Chemicals EL-Leneâ,,ç H6430BM High Density Polyethylene Blow Molding**

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

**Material Notes:**

Key Characteristics:Excellent stiffnessGood processabilityOdorlessSafe for food contactGood printabilityRecommended

Applications:Bottles for drinking water, fruit juice, soft drink, milkAutomotive parts such as radiator, mirror cleaning pot, ice box, coolerInformation provided by SCG Chemicals

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SCG-Chemicals-EL-Lene-H6430BM-High-Density-Polyethylene-Blow-Molding.php](http://www.lookpolymers.com/polymer_SCG-Chemicals-EL-Lene-H6430BM-High-Density-Polyethylene-Blow-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.966 g/cc	0.966 g/cc	ASTM D1505
Environmental Stress Crack Resistance	24 hour @Temperature 50.0 Â°C	24 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	70	70	ASTM D2240
Tensile Strength at Break	29.0 MPa	4210 psi	ASTM D638
Tensile Strength, Yield	36.3 MPa	5260 psi	ASTM D638
Elongation at Break	1200 %	1200 %	ASTM D638
Flexural Modulus	1.47 GPa	213 ksi	ASTM D790
Izod Impact, Notched	2.45 J/cm @Temperature 23.0 Â°C	4.59 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.**

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