

## SCG Chemicals EL-Leneâ,,ç H6007JU High Density Polyethylene Injection Molding

Category : Polymer , Thermoplastic , Polyethylene (PE) , HDPE , High Density Polyethylene (HDPE), Injection Molded

### Material Notes:

Key Characteristics: Good processability High rigidity High impact resistance Good weathering resistance (UV stabilizer) Recommended

Applications: Crates for soft drink, bottles, pallet, garbage bins, containers Industrial parts for outdoor uses such as motorcycle

fenders Information provided by SCG Chemicals

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SCG-Chemicals-EL-Lene-H6007JU-High-Density-Polyethylene-Injection-Molding.php](http://www.lookpolymers.com/polymer_SCG-Chemicals-EL-Lene-H6007JU-High-Density-Polyethylene-Injection-Molding.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.964 g/cc	0.964 g/cc	ASTM D1505
Environmental Stress Crack Resistance	4.0 hour @Temperature 50.0 Å°C	4.0 hour @Temperature 122 Å°F	F50, 25% Igepal; ASTM D1693
Linear Mold Shrinkage, Flow	0.0155 cm/cm @Thickness 2.00 mm	0.0155 in/in @Thickness 0.0787 in	TPE Method
Linear Mold Shrinkage, Transverse	0.0096 cm/cm @Thickness 2.00 mm	0.0096 in/in @Thickness 0.0787 in	TPE Method
Melt Flow	7.5 g/10 min @Load 2.16 kg, Temperature 190 Å°C	7.5 g/10 min @Load 4.76 lb, Temperature 374 Å°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	68	68	ASTM D2240
Tensile Strength at Break	30.0 MPa	4350 psi	ASTM D638
Tensile Strength, Yield	30.4 MPa	4410 psi	ASTM D638
Elongation at Break	1000 %	1000 %	ASTM D638
Flexural Modulus	1.32 GPa	192 ksi	ASTM D790
Izod Impact, Notched	>= 0.343 J/cm @Temperature 23.0 Å°C	>= 0.643 ft-lb/in @Temperature 73.4 Å°F	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	133 Å°C	271 Å°F	ASTM D2117

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	75.0 Â°C	167 Â°F	ASTM D648
Vicat Softening Point	127 Â°C	261 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](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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