

## NOVA Chemicals Sclair® 58G (High Gloss) HDPE Blow Molding Resin (discontinued \*\*)

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

### Material Notes:

Features: Outstanding gloss, pearlescent finish when colored, good processability. Applications: Small part blow molding, injection blow molding, low-moderate ESCR uses. Data provided by the manufacturer.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_NOVA-Chemicals-Sclair-58G-High-Gloss-HDPE-Blow-Molding-Resin-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_NOVA-Chemicals-Sclair-58G-High-Gloss-HDPE-Blow-Molding-Resin-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	0.958 g/cc	0.0346 lb/in <sup>3</sup>	ASTM D792
Environmental Stress Crack Resistance	20 hour	20 hour	F50, Condition A, ASTM D1693, 100% Igepal
Melt Flow	0.96 g/10 min @Load 2.16 kg, Temperature 190 °C	0.96 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	67	67	ASTM D2240
Tensile Strength, Yield	28.0 MPa	4060 psi	ASTM D638
Elongation at Break	1200 %	1200 %	at 50 mm/min; ASTM D638
Flexural Modulus	1.10 GPa	160 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
Vicat Softening Point	126 °C	259 °F	ASTM D1525
Brittleness Temperature	<= -70.0 °C	<= -94.0 °F	ASTM D696

Processing Properties	Metric	English	Comments
Melt Temperature	170 - 215 °C	338 - 419 °F	

## 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