

## Styrolution Styrolux<sup>®</sup> GH 58 SBC

Category : Polymer , Thermoplastic , Styrene-Butadiene , Styrene-Butadiene Copolymer, SBC

### Material Notes:

Description: Styrolux<sup>®</sup> GH 58 is a high flow thermoplastic styrene-butadiene block copolymer with excellent mold release properties. It has crystal clarity, good toughness, good stiffness and warpage resistance for general molding applications. Styroclear GH 58 may be suitable for conventional thermoplastics processing technologies such as injection molding. Information provided by STYROLUTION, which is a joint venture between BASF and INEOS

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Styrolution-Styrolux-GH-58-SBC.php](http://www.lookpolymers.com/polymer_Styrolution-Styrolux-GH-58-SBC.php)

Physical Properties	Metric	English	Comments
Melt Flow	16 g/10 min	16 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	74	74	ASTM D2240
Tensile Strength, Yield	28.0 MPa	4060 psi	2in/min; ASTM D638
Elongation at Break	43 %	43 %	ASTM D638
Tensile Modulus	1.68 GPa	244 ksi	2in/min; ASTM D882
Flexural Strength	33.0 MPa	4790 psi	ASTM D790
Flexural Modulus	1.50 GPa	218 ksi	ASTM D790
Dart Drop, Total Energy	0.600 J	0.443 ft-lb	Total energy; ASTM D3763

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	67.0 Å°C	153 Å°F	ASTM D648
Vicat Softening Point	90.0 Å°C @Load 1.02 kg, Temperature 120 Å°C	194 Å°F @Load 2.25 lb, Temperature 248 Å°F	ASTM D1525

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	ASTM D1003

Processing Properties	Metric	English	Comments
Melt Temperature	180 - 235 Å°C	356 - 455 Å°F	Injection
Mold Temperature	30.0 - 50.0 Å°C	86.0 - 122 Å°F	

Processing Properties	Metric	English	Comments
Descriptive Properties		Value	Comments
Commercial Status		North America	

## Contact Songhan Plastic Technology Co.,Ltd.

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