

SUPREME HIPS SH 810HF

High Impact Polystyrene

Supreme Petrochem Ltd.

Message:

SH810HF is a higher flow version for intricate molding.

General Information			
Features	Food Contact Acceptable		
	Good Impact Resistance		
	High Flow		
	Pleasing Surface Appearance		
Uses	Closures		
	Computer Components		
	Housings		
	Medical/Healthcare Applications		
	Toys		
Agency Ratings	FDA 21 CFR 177.1640		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.05	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	7.5	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	22.6	MPa	ASTM D638
Tensile Elongation ² (Yield)	50	%	ASTM D638
Flexural Modulus (3.20 mm)	2060	MPa	ASTM D790
Flexural Strength (Yield, 3.20 mm)	39.2	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.20 mm)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	84.0	°C	ASTM D648
Vicat Softening Temperature	100	°C	ASTM D1525 ³
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	Rate B (120°C/h)		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

