

Eporex® HIPS 855FR

High Impact Polystyrene

Eternal Plastics Co., Ltd.

Message:

Eporex® HIPS 855FR is a High Impact Polystyrene material. It is available in North America for injection molding.

Important attributes of Eporrex® HIPS 855FR are:

Flame Rated

Flame Retardant

High Gloss

Impact Resistant

Typical application of Eporrex® HIPS 855FR: Electrical/Electronic Applications

General Information			
Features	Flame Retardant		
	Good Flow		
	High Gloss		
	High Impact Resistance		
Uses	Electrical Parts		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.15	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (200°C/5.0 kg)	10	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	65		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	22.6	MPa	ASTM D638
Tensile Elongation (Yield)	50	%	ASTM D638
Flexural Modulus	2470	MPa	ASTM D790
Flexural Strength (Yield)	35.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	86	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	72.2	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94

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.

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

