

# I. Stern LG-215

High Impact Polystyrene

I. STERN & CO. INC.

Message:

Polystyrene LG-215 - High Impact Polystyrene Extrusion Grade

Features

Excellent ESCR properties

Matte finish

Applications

Extrusion

General Information			
Features	High ESCR (Stress Crack Resist.)		
	High Impact Resistance		
Agency Ratings	FDA 21 CFR 177.1640		
UL File Number	E220962		
Appearance	Matte Finish		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	1800	MPa	ASTM D790
Flexural Strength (Yield)	43.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	76.0	°C	ASTM D648
Vicat Softening Temperature	98.0	°C	ASTM D1525
Flammability	Nominal Value		Test Method
Flame Rating			UL 94
1.50 mm	HB		
3.00 mm	HB		

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](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

