

I. Stern 745

Acrylonitrile Butadiene Styrene

I. STERN & CO. INC.

Message:

ABS 745 - Super High Impact Natural ABS

Features

Super High Impact

Extrusion

Applications

Pipe

Profiles

Sheet

General Information			
Features	Ultra High Impact Resistance		
Uses	Piping		
	Profiles		
	Sheet		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.04	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR)	1.5	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	111		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	40.1	MPa	ASTM D638
Tensile Elongation (Break)	70	%	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength (Yield)	51.6	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	470	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Distortion	85	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		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.

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

