

ASI POLYETHYLENE CLP 855-01 Natural

Linear Low Density Polyethylene

A. Schulman Inc.

Message:

CLP 855-01 Natural is a linear low density polyethylene designed for injection molding applications requiring high impact strength and good ESCR.

General Information			
Features	High ESCR (Stress Crack Resist.)		
	High Impact Resistance		
Appearance	Natural Color		
Processing Method	Compounding		
	Compounding Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.935	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	6.0	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance			ASTM D1693A
10% Igepal, F50	> 430	hr	
100% Igepal, F50	> 1000	hr	
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	16.9	MPa	ASTM D638
Tensile Elongation ² (Break)	420	%	ASTM D638
Flexural Modulus	579	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	> 530	J/m	ASTM D256
Gardner Impact (23°C)	> 33.9	J	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	89.0	°C	
1.8 MPa, Unannealed	43.0	°C	
Flammability	Nominal Value	Unit	Test Method
Burning Rate ³	< 100	mm/min	FMVSS 302
NOTE			
1.	51 mm/min		
2.	51 mm/min		
3.	4x14x0.56 plaque		

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

