

ASI POLYETHYLENE LP 477-01

High Density Polyethylene

A. Schulman Inc.

Message:

LP 477-01 is a high-density polyethylene posessing excellent impact strength for blow molded bleach and detergent bottles, thermoformed industrial parts, tote boxes, trays, liners and pharmaceutical packages.

General Information			
UL YellowCard	E51193-641204		
Features	High Impact Resistance		
Uses	Bottles		
	Industrial Applications		
	Liners		
	Pharmaceutical Packaging		
	Tool/Tote Box		
Forms	Pellets		
Processing Method	Blow Molding		
	Extrusion		
	Thermoforming		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.955	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.30	g/10 min	ASTM D1238
Environmental Stress-Cracking Resistance (F50)	60.0	hr	ASTM D1693A
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	22.1	MPa	ASTM D638
Tensile Elongation ² (Break)	400	%	ASTM D638
Flexural Modulus	827	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	-118	°C	ASTM D746
NOTE			
1.	51 mm/min		
2.	51 mm/min		

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Recommended distributors for this material

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