

ASI POLYETHYLENE CP 795-01 Natural

Low Density Polyethylene

A. Schulman Inc.

Message:

CP 795-01 natural is an extruded, blow molding, and injection molding grade of low density polyethylene having good processability and hear sealability.

General Information	
Features	Good Heat Seal
	Good Processability
Agency Ratings	FDA 21 CFR 177.1520
Appearance	Natural Color
Forms	Pellets
Processing Method	Blow Molding
	Compounding
	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.919	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	42		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	11.4	MPa	ASTM D638
Tensile Elongation ² (Break)	110	%	ASTM D638
Flexural Modulus - 1% Secant	117	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	91.7	°C	ASTM D1525 ³

NOTE	
1.	51 mm/min
2.	51 mm/min
3.	Rate A (50°C/h)

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