

ASI POLYETHYLENE CP 878-01 Natural

Linear Low Density Polyethylene

A. Schulman Inc.

Message:

CP 878-01 Natural is a linear low-density polyethylene having good tensile, stiffness, and toughness properties. Said compound has excellent drawdown capability and good gloss.

General Information			
Features	Food Contact Acceptable		
	Good Drawdown		
	Good Stiffness		
	Good Toughness		
	High Tensile Strength		
	Medium Gloss		
Agency Ratings	FDA 21 CFR 177.1520(c) 3.1		
	FDA 21 CFR 177.1520(c) 3.2		
Appearance	Natural Color		
Processing Method	Cast Film		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.925	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.80	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield	11.0	MPa	
TD : Yield	13.1	MPa	
Tensile Elongation			ASTM D882
MD : Break	650	%	
TD : Break	800	%	
Flexural Modulus			ASTM D790
MD	276	MPa	
TD	310	MPa	
Thermal	Nominal Value	Unit	
Melting Temperature	125	°C	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	55		ASTM D2457
Transmittance	104.0	%	ASTM D1003

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