

ASI POLYETHYLENE CP 879-01

Low Density Polyethylene

A. Schulman Inc.

Message:

CP 879-01 Natural is a low density polyethylene, homopolymer resin specifically designed for overwrap packaging. It provides excellent optical properties and good stiffness for improved machineability.

General Information			
Features	Food Contact Acceptable		
	Good Stiffness		
	Homopolymer		
	Machinable		
	Opticals		
Uses	Packaging		
Agency Ratings	FDA 21 CFR 177.1520		
Appearance	Natural Color		
Processing Method	Cast Film		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.932	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Break	21.4	MPa	
TD : Break	16.5	MPa	
Tensile Elongation			ASTM D882
MD : Break	450	%	
TD : Break	540	%	
Flexural Modulus ¹			ASTM D882
MD	262	MPa	
TD	276	MPa	
Dart Drop Impact ²	80	g	ASTM D1709A
Optical	Nominal Value	Unit	Test Method
Gloss	77		ASTM D2457
Transmittance	4.4	%	ASTM D1003
Haze	4.4	%	ASTM D1003
NOTE			
1.	1% Secant		

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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

