

Trademark PE LDVA2926.6

Low Density Polyethylene + EVA

Trademark Plastics Corporation

Message:

Trademark PE LDVA2926.6 is a Low Density Polyethylene + EVA product. It can be processed by coextruded film and is available in North America. Applications of Trademark PE LDVA2926.6 include bags/liners, film and food contact applications. Characteristics include:

- Clarity
- Food Contact Acceptable
- Good Sealability
- High Strength
- Impact Resistant

General Information			
Features	Additive Free		
	Food Contact Acceptable		
	Good Heat Seal		
	High Clarity		
	High Impact Resistance		
	Low Temperature Strength		
Uses	Bags		
	Film		
Agency Ratings	FDA 21 CFR 177.1350		
Processing Method	Coextruded Film		
Physical	Nominal Value	Unit	Test Method
Density	0.926	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Vinyl Acetate Content	6.0	wt%	
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	µm	
Secant Modulus			ASTM D882
1% Secant, MD : 38 µm, Blown Film	110	MPa	
1% Secant, TD : 38 µm, Blown Film	128	MPa	
Tensile Strength			ASTM D882
MD : Break, 38 µm,Blown Film	28.3	MPa	
TD : Break, 38 µm,Blown Film	24.8	MPa	
Tensile Elongation			ASTM D882
MD : Break, 38 µm,Blown Film	360	%	
TD : Break, 38 µm,Blown Film	640	%	
Dart Drop Impact (38 µm, Blown Film)	180	g	ASTM D1709

Elmendorf Tear Strength			ASTM D1922
MD : 38 μm, Blown Film	140	g	
TD : 38 μm, Blown Film	110	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 38.1 μm, Blown Film)	83		ASTM D2457
Haze (38.1 μm, Blown Film)	2.5	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	166 to 193	°C	

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