

Trademark PE LDVA2925.3B

Low Density Polyethylene + EVA

Trademark Plastics Corporation

Message:

Trademark PE LDVA2925.3B is a Low Density Polyethylene + EVA product. It can be processed by coextruded film and is available in North America. Applications of Trademark PE LDVA2925.3B include film, food contact applications and packaging. Characteristics include:

- Clarity
- Food Contact Acceptable
- Good Stiffness
- High Strength

General Information			
Features	Additive Free		
	Food Contact Acceptable		
	Good Stiffness		
	High Clarity		
	Low Temperature Strength		
Uses	Film		
	Packaging		
Agency Ratings	FDA 21 CFR 177.1350		
Processing Method	Coextruded Film		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.5	g/10 min	ASTM D1238
Vinyl Acetate Content	2.5	wt%	
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	µm	
Secant Modulus			ASTM D882
1% Secant, MD : 38 µm, Blown Film	141	MPa	
1% Secant, TD : 38 µm, Blown Film	169	MPa	
Tensile Strength			ASTM D882
MD : Break, 38 µm,Blown Film	22.1	MPa	
TD : Break, 38 µm,Blown Film	16.9	MPa	
Tensile Elongation			ASTM D882
MD : Break, 38 µm,Blown Film	340	%	
TD : Break, 38 µm,Blown Film	540	%	
Dart Drop Impact (38 µm, Blown Film)	120	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922

MD : 38 μm, Blown Film	210	g	
TD : 38 μm, Blown Film	110	g	
Optical	Nominal Value	Unit	Test Method
Gloss (45°, 38.1 μm, Blown Film)	76		ASTM D2457
Haze (38.1 μm, Blown Film)	5.0	%	ASTM D1003
Extrusion	Nominal Value	Unit	
Melt Temperature	166 to 193	°C	

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