

Trademark PE LDVA1925.4B

Low Density Polyethylene + EVA

Trademark Plastics Corporation

Message:

Trademark PE LDVA1925.4B is a Low Density Polyethylene + EVA product. It can be processed by coextruded film and is available in North America. Applications of Trademark PE LDVA1925.4B 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	0.925	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	1.0	g/10 min	ASTM D1238
Vinyl Acetate Content	4.0	wt%	
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	38	µm	
Tensile Strength			ASTM D882
MD : Break, 38 µm,Blown Film	25.2	MPa	
TD : Break, 38 µm,Blown Film	21.7	MPa	
Tensile Elongation			ASTM D882
MD : Break, 38 µm,Blown Film	350	%	
TD : Break, 38 µm,Blown Film	510	%	
Dart Drop Impact (38 µm, Blown Film)	150	g	ASTM D1709
Elmendorf Tear Strength			ASTM D1922
MD : 38 µm, Blown Film	190	g	
TD : 38 µm, Blown Film	260	g	

Optical	Nominal Value	Unit	Test Method
Gloss (45°, 38.1 µm, Blown Film)	75		ASTM D2457
Haze (38.1 µm, Blown Film)	4.5	%	ASTM D1003

Extrusion	Nominal Value	Unit
Melt Temperature	166 to 193	°C

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