ELEVATE™ EB561

Ethylene Vinyl Acetate Copolymer Westlake Chemical Corporation

Message:

Excellent sealability, excellent impact strength, good optics and enhanced stabilization Application/Uses
Frozen food packaging
Fresh food packaging
Ice bags
Heavy duty produce bags

Impact resistance, good Good heat sealability	General Information				
	Features	Optical			
Uses Packaging Films Bags Bags Food packaging Heavy packing bag Heavy packing bag Agency Ratings FDA not rated Unit Test Method Density 0.929 g/cm² ASTM D1505 Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) 0.55 g/10 min ASTM D1238 Vinyl Acetate Content 6.5 wt% Test Method Films Nominal Value Unit Test Method Film Thickness - Tested 32 μm ASTM D882 Film Secant. MD: 32 μm, blown film 103 MPa ASTM D882 1% secant. MD: 32 μm, blown film 103 MPa ASTM D882 Tersile Strength L ASTM D882 MD: Broken, 32 μm, blown film 24.1 MPa ASTM D882 Tersile Elongation L ASTM D882 Tersile Elongation ASTM D882 MD: Broken, 32 μm, blown film 380 % ASTM D882 Tersile Elongation ASTM D882<		Impact resistance, good			
Films Bags Food packaging Heavy packing bag		Good heat sealability	Good heat sealability		
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Bags Food packaging Heavy packing bag	Uses	Packaging			
Food packaging Heavy packing bag Agency Ratings FDA not rated Physical Nominal Value Unit Test Method Density 0.929 g/cm³ ASTM D1505 Melt Mass-Flow Rate (MFR) (190°C/2.16 kg) 0.55 g/10 min ASTM D1238 Vinyl Acetate Content 6.5 wt% Films Nominal Value Unit Test Method Film Thickness - Tested 32 µm secant modulus Fast Method 1% secant, MD: 32 µm, blown film 103 MPa ASTM D882 1% secant, TD: 32 µm, blown film 110 MPa ASTM D882 Tensile Strength MD: Broken, 32 µm, blown film 24.1 MPa ASTM D882 TD: Broken, 32 µm, blown film 380 MPa ASTM D882 Tensile Elongation ASTM D882 TD: Broken, 32 µm, blown film 380 MPa ASTM D882 Dart Drop Impact (32 µm, blown film 550 MS ASTM D882 Dart Drop Impact (32 µm, blown film) 480 Unit Test Method		Films			
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Dart Drop Impact (32 μm, Blown Film) 480 g ASTM D1709 Optical Nominal Value Unit Test Method	MD: Broken, 32 µm, blown film	380	%	ASTM D882	
Optical Nominal Value Unit Test Method	TD: Broken, 32 µm, blown film	550	%	ASTM D882	
	Dart Drop Impact (32 µm, Blown Film)	480	g	ASTM D1709	
Gloss (45°, 31.8 μm, Blown Film) 74 ASTM D2457	Optical	Nominal Value	Unit	Test Method	
	Gloss (45°, 31.8 μm, Blown Film)	74		ASTM D2457	

Haze (31.8 µm, Blown Film)	4.8	%	ASTM D1003

Additional Information

Test specimens for blown film: nominal thickness 1.25 mils; blow up ratio 2.5:1, die gap 35 mils.

Extrusion	Nominal Value	Unit
Melt Temperature	182 - 199	°C

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