

# 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

General Information			
Features	Optical		
	Impact resistance, good		
	Good heat sealability		
Uses	Packaging		
	Films		
	Bags		
	Food packaging		
	Heavy packing bag		
Agency Ratings	FDA not rated		
Physical	Nominal Value	Unit	Test Method
Density	0.929	g/cm <sup>3</sup>	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			ASTM D882
1% secant, MD: 32 µm, blown film	103	MPa	ASTM D882
1% secant, TD: 32 µm, blown film	110	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Broken, 32 µm, blown film	24.1	MPa	ASTM D882
TD: Broken, 32 µm, blown film	25.5	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 32 µm, blown film	380	%	ASTM D882
TD: Broken, 32 µm, blown film	550	%	ASTM D882
Dart Drop Impact (32 µm, Blown Film)	480	g	ASTM D1709
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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