

ELEVATE™ EF532AA

Ethylene Vinyl Acetate Copolymer

Westlake Chemical Corporation

Message:

Westlake ELEVATE™ EF532AA is an ethylene vinyl acetate copolymer with 12% VA. EF532AA is designed as a heat seal layer for co-extruded cast film applications that require excellent optics and low heat seal initiation.

Application/Uses

Cast Film

Thermal Laminations

General Information			
Features	Low temperature heat sealability		
	Optical		
	Heat sealable		
	Good heat sealability		
Uses	Laminate		
	cast film		
Agency Ratings	FDA not rated		
Processing Method	Co-extruded film		
	cast film		
Physical	Nominal Value	Unit	Test Method
Density	0.933	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Vinyl Acetate Content	12.0	wt%	
Films	Nominal Value	Unit	Test Method
Film Thickness - Tested	25	µm	
secant modulus			ASTM D882
1% secant, MD: 25 µm, cast film	72.4	MPa	ASTM D882
1% secant, TD: 25 µm, cast film	79.3	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Broken, 25 µm, extruded film	24.8	MPa	ASTM D882
TD: Broken, 25 µm, extruded film	21.4	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Broken, 25 µm, extruded film	400	%	ASTM D882
TD: Broken, 25 µm, extruded film	800	%	ASTM D882
Dart Drop Impact (25 µm, Cast Film)	130	g	ASTM D1709
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	70.0	°C	ASTM D1525

Peak Melting Temperature	93.9	°C	ASTM D3418
Optical	Nominal Value	Unit	Test Method
Gloss (45, 25.4 μm, cast film)	80		ASTM D2457
Haze (25.4 μm, Cast Film)	2.5	%	ASTM D1003
Additional Information			
Film properties shown are typical as measured on 1.0 mil cast film.			
Extrusion	Nominal Value	Unit	
Melt Temperature	< 210	°C	

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

