

MARPOL® EVA 1707

Ethylene Vinyl Acetate Copolymer

Marco Polo International, Inc.

Message:

MARPOL® EVA 1707 is a 17.2 wt% vinyl acetate copolymer film resin with excellent strength and toughness. It also displays excellent optics and sealing properties.
Recommended Applications: Heat seal layer, pallet shrink film, stretch film

General Information			
Features	Copolymer		
	Optical		
	Good strength		
	Good toughness		
Uses	Films		
	Stretch winding		
	Shrinkable film		
Physical	Nominal Value	Unit	Test Method
Density	0.939	g/cm ³	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	0.70	g/10 min	ASTM D1238
Vinyl Acetate Content	17.2	wt%	
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	63.4	MPa	ASTM D882
1% secant, TD	68.9	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	36.5	MPa	ASTM D882
TD: Fracture	36.5	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	370	%	ASTM D882
TD: Fracture	660	%	ASTM D882
Dart Drop Impact	650	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	50	g	ASTM D1922
TD	120	g	ASTM D1922
Thermal	Nominal Value	Unit	
Melting Temperature	87.2	°C	
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	87		ASTM D2457

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Recommended distributors for this material

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