

MARPOL® EVA 802

Ethylene Vinyl Acetate Copolymer

Marco Polo International, Inc.

Message:

MARPOL® EVA 802 is an 8.7% vinyl acetate copolymer film resin with excellent impact strength and heat sealability.

General Information			
Features	Good Heat Seal		
	Good Impact Resistance		
Uses	Bags		
	Film		
	Packaging		
Physical	Nominal Value	Unit	Test Method
Density	0.930	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.1 kg)	2.0	g/10 min	ASTM D1238
Vinyl Acetate Content	8.7	wt%	
Films	Nominal Value	Unit	Test Method
Secant Modulus			ASTM D882
1% Secant, MD	110	MPa	
1% Secant, TD	117	MPa	
Tensile Strength			ASTM D882
MD : Break	30.3	MPa	
TD : Break	27.6	MPa	
Tensile Elongation			ASTM D882
MD : Break	330	%	
TD : Break	660	%	
Dart Drop Impact	250	g	ASTM D1709A
Elmendorf Tear Strength - MD	150	g	ASTM D1922
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	81.1	°C	ASTM D1525
Optical	Nominal Value	Unit	Test Method
Gloss (45°)	88		ASTM D2457
Haze	1.5	%	ASTM D1003

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Recommended distributors for this material

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