

MARPOL® EVA 602

Ethylene Vinyl Acetate Copolymer

Marco Polo International, Inc.

Message:

MARPOL® EVA 602 is a high clarity vinyl acetate copolymer film resin with excellent impact strength and heat sealability.
Recommended Applications: Films for produce, poultry, freezer and rice bags. Also suitable for foams, form fill, seal packaging and lamination films.

General Information			
Features	Copolymer		
	Impact resistance, high		
	Good heat sealability		
	Definition, high		
Uses	Packaging		
	Films		
	Laminate		
	Bags		
	Foam		
Physical	Nominal Value	Unit	Test Method
Density	0.925	g/cm ³	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	2.0	g/10 min	ASTM D1238
Vinyl Acetate Content	5.5	wt%	
Films	Nominal Value	Unit	Test Method
secant modulus			ASTM D882
1% secant, MD	124	MPa	ASTM D882
1% secant, TD	145	MPa	ASTM D882
Tensile Strength			ASTM D882
MD: Fracture	24.8	MPa	ASTM D882
TD: Fracture	24.1	MPa	ASTM D882
Tensile Elongation			ASTM D882
MD: Fracture	190	%	ASTM D882
TD: Fracture	590	%	ASTM D882
Dart Drop Impact	170	g	ASTM D1709A
Elmendorf Tear Strength			ASTM D1922
MD	160	g	ASTM D1922
TD	80	g	ASTM D1922
Thermal	Nominal Value	Unit	
Melting Temperature	102	°C	
Optical	Nominal Value	Unit	Test Method

Gloss (45°)	74		ASTM D2457
Haze	5.0	%	ASTM D1003

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Recommended distributors for this material

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