

MARPOL® EVA 1803

Ethylene Vinyl Acetate Copolymer

Marco Polo International, Inc.

Message:

MARPOL® EVA 1803 is an Ethylene Vinyl Acetate Copolymer (EVA) product. It is available in Asia Pacific, Europe, Latin America, or North America.

General Information			
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR)	3.5	g/10 min	ASTM D1238
Vinyl Acetate Content	18.0	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	91		ASTM D2240
Films	Nominal Value	Unit	Test Method
Tensile Strength			ASTM D882
MD : Yield	41.0	MPa	
TD : Yield	30.3	MPa	
MD : Break	4.68	MPa	
TD : Break	4.30	MPa	
Tensile Elongation			ASTM D882
MD : Yield	410	%	
TD : Yield	560	%	
MD : Break	9.0	%	
TD : Break	9.0	%	
Dart Drop Impact	610	g	ASTM D1709
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -76.0	°C	ASTM D746
Vicat Softening Temperature	65.0	°C	ASTM D1525

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