

MARPOL® EVA 3243

Ethylene Vinyl Acetate Copolymer

Marco Polo International, Inc.

Message:

MARPOL® EVA 3243 is a Ethylene Vinyl Acetate copolymer resin designed for photovoltaic cells and encapsulation applications that require a good balance of adhesion and COF. It also exhibits excellent light transmission characteristics

Recommended Applications: Encapsulation, hot melt adhesives and photovoltaic cells

General Information			
Features	High Light Transmission		
	Copolymer		
	Good adhesion		
Uses	Encapsulant		
	Adhesive		
Processing Method	Enclosure		
Physical	Nominal Value	Unit	Test Method
Density	0.954	g/cm ³	
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	43	g/10 min	ASTM D1238
Vinyl Acetate Content	31.5	wt%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	66		ASTM D2240
Shaw D	13		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8.27	MPa	ASTM D638
Tensile Strength (Break)	6.21	MPa	ASTM D638
Tensile Elongation (Break)	> 900	%	ASTM D638
Thermal	Nominal Value	Unit	Test Method
Vicat Softening Temperature	33.9	°C	ASTM D1525

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