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/cm³	
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

Recommended distributors for this material

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