Evatane® 33-45 PV

Ethylene Vinyl Acetate Copolymer

Arkema

Message:

EVATANE® 33-45 PV is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radicalar polymerization process.
EVATANE® 33-45 PV is exclusively dedicated to photovoltaic encapsulant films applications. The high Vinyl Acetate content of EVATANE® 33-45 PV brings transparency, flexibility and softness. It exhibits high dimensional stability when used in cross-linked formulations.

General Information			
Features	Crosslinkable Good Dimensional Stability Good Flexibility Random Copolymer Soft		
Uses	Film Solar Panels		
Appearance	Clear/Transparent		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density (23°C)	0.960	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	38 to 48	g/10 min	ASTM D1238, ISO 1133
Vinyl Acetate Content	32.0 to 34.0	wt%	Internal Method
Hardness	**Nominal Value**	**Unit**	**Test Method**
Durometer Hardness (Shore A)	63		ASTM D2240, ISO 868
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Break)	9.00	MPa	ASTM D638, ISO 527-2
Tensile Elongation (Break)	900 to 1100	%	ASTM D638, ISO 527-2
Thermal	**Nominal Value**	**Unit**	**Test Method**
Vicat Softening Temperature	< 40.0	°C	ISO 306/A, ASTM D1525 [1]
Melting Temperature	62.0	°C	ISO 11357-3
Ring and Ball Softening Point [2]	107	°C	ASTM E28
NOTE			
1.	Loading 1 (10 N)		
2.	NF EN 1238		

Recommended distributors for this material

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