

EVATANE® 28-25PV

Ethylene – Vinyl Acetate (VA) copolymer with high VA content

DESCRIPTION

EVATANE® 28-25PV is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radical polymerization process.

TYPICAL PROPERTIES

Characteristics	Value	Unit	Test Method
Vinyl Acetate content	27-29	% Wt	FTIR (Internal Method)
Melt Index (190°C / 2.16 kg)	22-29	g/10min	ISO 1133 / ASTM D1238
Density (23°C)	0.96	g/cm ³	ISO 1183
Melting point	71	°C	ISO 11357-3
Vicat softening point (10N)	<40	°C	ISO 306 / ASTM D1525
Ring & Ball temperature	120	°C	ASTM E28 / NF EN 1238
Elongation at break	800-1000	%	ISO 527 / ASTM D638
Tensile strength at break	14	MPa	ISO 527 / ASTM D638
Hardness Shore A	75	-	ISO 868 / ASTM D2240

APPLICATIONS

EVATANE® 28-25PV is exclusively dedicated to photovoltaic encapsulant films applications. The Vinyl Acetate content of EVATANE® 28-25PV brings high electrical insulation, transparency, flexibility and softness. In cross-linked formulations, it exhibits high dimensional stability, fast curing and easy lamination. EVATANE® 28-25PV is the material of choice for low PID EVA-based photovoltaic sheet.

For more detailed information and recommendations regarding your specific application, please contact your local ARKEMA technical representative.

PROCESSING

EVATANE® 28-25PV can be processed on most conventional equipments used for thermoplastics. On pure material, it is recommended to avoid melt temperatures above 230°C and to purge the equipment after a run is completed.

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STORAGE, HANDLING AND SAFETY

EVATANE® 28-25PV should be stored in standard conditions and protected from UV-light. Improper storage conditions may cause degradation and could have consequences on physical properties of the product.

Safety data sheet as well as information on handling and storage of the **EVATANE® 28-25PV** is available upon request to your ARKEMA representative or on the web site evatane.com.

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