

# EVATANE<sup>®</sup> 28-25 PV

EVATANE<sup>®</sup> 28-25 PV is a random ethylene-vinyl acetate copolymer.

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

## Typical Properties

	Test Method	Unit	Typical Value
Vinyl Acetate Content	FTIR (internal method)	%. -wt.	28
Melt Index (190°C/2.16kg)	ISO 1133 / ASTM D1238	g/10min.	25
Melting Point	ISO 11357-3	°C	71
Density	ISO 1193 / ASTM D150	g/cm <sup>3</sup>	0.94
Vicat Softening Temperature (10N) <sup>1</sup>	ISO 306 / ASTM D1525	°C	<40
Ring & Ball Temperature	ASTM E28 / NF EN 1238	°C	120
Elongation at Break <sup>1</sup>	ISO 527-2 / ASTM D638	%	1000
Tensile Strength at Break <sup>1</sup>	ISO 527-2 / ASTM D638	MPa	14
Hardness Shore A <sup>1</sup>	ISO 868 / ASTM D2240		75

<sup>1</sup>: On compression molded samples.



## Processing

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

## Storage, Handling & Safety

EVATANE® 28-25 PV 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.

