

# EVATANE<sup>®</sup> 28-800

EVATANE<sup>®</sup> 28-800 is a random ethylene-vinyl acetate copolymer.

- The high Vinyl Acetate content of EVATANE<sup>®</sup> 28-800 brings softness, flexibility and polarity. EVATANE<sup>®</sup> 28-800 is compatible with most tackifying resins and waxes.
- Combined with a high fluidity, it is an efficient and easy handling product for hot melt adhesives formulations. EVATANE<sup>®</sup> 28-800 delivers high cohesive strength with most fillers and may be used to produce masterbatches. It can also be used as a viscosity modifier for various EVA based compounds such as HFFR formulations for wires and cables.

## Typical Properties

	Test Method	Unit	Typical Value
Melt Index (190°C/2.16kg) <sup>1</sup>	ISO 1133	g/10min.	800
Vinyl Acetate Content	FTIR (internal method)	%wt.	31
Melting Point	ISO 11357	°C	63
Density	ISO 1183 / ASTM D792	g/cm <sup>3</sup>	0.95
Vicat Softening Temperature (10N) <sup>2</sup>	ISO 306	°C	<40
Tensile Strength at Break <sup>2</sup>	ISO 527 / ASTM D638	MPa	3
Elongation at Break <sup>2</sup>	ISO 527 / ASTM D638	%	600
Hardness Shore A <sup>2</sup>	ISO 868 / ASTM D2240		60
Ring & Ball Temperature	ASTM E28 / NF EN 1238	°C	80

<sup>1</sup>: Extrapolated value, measured at 125 °C / 325 g

<sup>2</sup>: On compression molded samples.

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## Processing

EVATANE® 28-800 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® 28-800 should be stored in a ventilated area, away from heat, humidity and direct sunlight. 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® 28-800 are available upon request to your SK Functional Polymer representative or at [www.sk-fp.com](http://www.sk-fp.com).

## Shelf Life

Three years from the date of delivery, in unopened packaging. For any use above this limit, please refer to our technical services.