

# EVATANE<sup>®</sup> 28-03

EVATANE<sup>®</sup> 28-03 is a random ethylene-vinyl acetate copolymer.

- The high Vinyl Acetate content of EVATANE<sup>®</sup> 28-03 brings softness, flexibility and polarity. EVATANE<sup>®</sup> 28-03 delivers high cohesive strength with most fillers and can be used to produce masterbatches or HFFR compounds.
- EVATANE<sup>®</sup> 28-03 is also suitable for film (cast or blown) extrusion, and exhibits good adhesion onto PE, PS and polyesters. EVATANE<sup>®</sup> 28-03 can also be used for making foams (shoe industry), as an additive for crude oil (pour point depressant).

## Typical Properties

Characteristic	Test Method	Unit	Typical Value
Melt Index (190°C/2.16kg)	ISO 1133	g/10min.	3
Vinyl Acetate Content	FTIR (internal method)	%wt.	27
Melting Point	ISO 11357	°C	76
Density	ISO 1183 / ASTM D792	g/cm <sup>3</sup>	0.95
Vicat Softening Temperature (10N) <sup>1</sup>	ISO 306	°C	41
Tensile Strength at Break <sup>1</sup>	ISO 527 / ASTM D638	MPa	26
Elongation at Break <sup>1</sup>	ISO 527 / ASTM D638	%	1000
Hardness Shore A <sup>1</sup>	ISO 868 / ASTM D2240		82
Ring & Ball Temperature	ASTM E28 / NF EN 1238	°C	166

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

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## Processing

EVATANE® 28-03 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® 28-03 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® 28-03 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.