

## EVATANE<sup>®</sup> 24-03

EVATANE<sup>®</sup> 24-03 is a random ethylene-vinyl acetate copolymer.

- The high Vinyl Acetate content of EVATANE<sup>®</sup> 24-03 brings softness, flexibility and polarity. EVATANE<sup>®</sup> 24-03 delivers high cohesive strength with most fillers and can be used to produce masterbatches or HFFR compounds, and as an additive for bitumen modification.
- EVATANE<sup>®</sup> 24-03 is also suitable for film (cast or blown) extrusion, and exhibits good adhesion onto PE, PS and polyesters.

### Typical Properties

	Test Method	Unit	Typical Value
Vinyl Acetate Content	FTIR (internal method)	%.-wt.	24
Melt Index (190°C/2.16kg)	ISO 1133	g/10min.	3
Melting Point	ISO 11357-3	°C	80
Density	ISO 1193 / ASTM D150	g/cm <sup>3</sup>	0.95
Vicat Softening Temperature (10N) <sup>1</sup>	ISO 306 / ASTM D1525	°C	46
Ring & Ball Temperature	ASTM E28 / NF EN 1238	°C	183
Elongation at Break <sup>1</sup>	ISO 527-2 / ASTM D638	%	900
Tensile Strength at Break <sup>1</sup>	ISO 527-2 / ASTM D638	MPa	27
Hardness Shore A <sup>1</sup>	ISO 868 / ASTM D2240		83

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

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## **Processing**

EVATANE® 24-03 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® 24-03 should be stored away from heat, humidity and 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® 24-03 are available upon request to your SK Functional Polymer representative.

## **Shelf Life**

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

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