

# EVATANE<sup>®</sup> 40-55

EVATANE<sup>®</sup> 40-55 is a random ethylene-vinyl acetate copolymer.

- The high Vinyl Acetate content of EVATANE<sup>®</sup> 40-55 brings softness, flexibility and polarity. EVATANE<sup>®</sup> 40-55 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> 40-55 can also be used in solvent base adhesives, inks formulation and for making foams (shoe industry).

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## Typical Properties

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Vinyl Acetate Content	FTIR (internal method)	%.-wt.	40
Melt Index (190°C/2.16kg)	ISO 1133	g/10min.	55
Melting Point	ISO 11357-3	°C	55
Density	ISO 1183	g/cm <sup>3</sup>	0.96
Vicat Softening Temperature (10N) <sup>1</sup>	ISO 306 / ASTM D1525	°C	<40
Ring & Ball Temperature	ASTM E28 / NF EN 1238	°C	97
Elongation at Break <sup>1</sup>	ISO 527-2 / ASTM D638	%	1100
Tensile Strength at Break <sup>1</sup>	ISO 527-2 / ASTM D638	MPa	7
Hardness Shore A <sup>1</sup>	ISO 868 / ASTM D2240		50

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

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## Processing

EVATANE® 40-55 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® 40-55 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® 40-55 are available upon request to your SK Functional Polymer representative.

## Shelf Life

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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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