

EVATANE[®] 42-60

EVATANE[®] 42-60 is a random ethylene-vinyl acetate copolymer.

- The high Vinyl Acetate content of EVATANE[®] 42-60 brings softness, flexibility and polarity.
- EVATANE[®] 42-60 can be readily dissolved into various solvents and be used in inks or solvent-base adhesives formulations. To buy, visit us at www.jitsy.in

Typical Properties

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	Test Method	Unit	Typical Value
Vinyl Acetate Content	FTIR (internal method)	%.-wt.	>41
Melt Index (190°C/2.16kg)	ISO 1133	g/10min.	75
Melting Point	ISO 11357-3	°C	48
Density	ISO 1183	g/cm ³	0.96
Vicat Softening Temperature (10N) ¹	ISO 306 / ASTM D1525	°C	<40
Ring & Ball Temperature	ASTM E28 / NF EN 1238	°C	95
Elongation at Break ¹	ISO 527-2 / ASTM D638	%	1100
Tensile Strength at Break ¹	ISO 527-2 / ASTM D638	MPa	5
Hardness Shore A ¹	ISO 868 / ASTM D2240		42

¹: On compression molded samples.
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Processing

EVATANE® 42-60 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® 42-60 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® 42-60 are available upon request to your SK Functional Polymer representative.

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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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