

# EVATANE<sup>®</sup> 18-500

EVATANE<sup>®</sup> 18-500 is a random ethylene-vinyl acetate copolymer.

- The high Vinyl Acetate content of EVATANE<sup>®</sup> 18-500 brings softness, flexibility and polarity. EVATANE<sup>®</sup> 18-500 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. It can also be used as an additive bitumen modification.

## Typical Properties

Characteristic	Test Method	Unit	Typical Value
Vinyl Acetate Content	FTIR (internal method)	%.-wt.	18
Melt Index (190°C/2.16kg)	ISO 1133	g/10min.	500
Melting Point	ISO 11357-3	°C	86
Density	ISO 1183	g/cm <sup>3</sup>	0.94
Vicat Softening Temperature (10N) <sup>1</sup>	ISO 306 / ASTM D1525	°C	43
Ring & Ball Temperature	ASTM E28 / NF EN 1238	°C	94
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	6
Hardness Shore A <sup>1</sup>	ISO 868 / ASTM D2240		90

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



## Processing

EVATANE® 18-500 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® 18-500 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.

