

EVATANE[®] 18-150

EVATANE[®] 18-150 is a random ethylene-vinyl acetate copolymer.

- The high Vinyl Acetate content of EVATANE[®] 18-150 brings softness, flexibility and polarity. EVATANE[®] 18-150 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 for crude oil (pour point depressant), bitumen modification and cables compounds.

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.	150
Melting Point	ISO 11357-3	°C	88
Density	ISO 1183	g/cm ³	0.94
Vicat Softening Temperature (10N) ¹	ISO 306 / ASTM D1525	°C	43
Ring & Ball Temperature	ASTM E28 / NF EN 1238	°C	102
Elongation at Break ¹	ISO 527-2 / ASTM D638	%	500
Tensile Strength at Break ¹	ISO 527-2 / ASTM D638	MPa	10
Hardness Shore A ¹	ISO 868 / ASTM D2240		85

¹: On compression molded samples.



Processing

EVATANE® 18-150 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® 18-150 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.

