

EVATANE[®] 28-800

EVATANE[®] 28-800 is a random ethylene-vinyl acetate copolymer.

- The high Vinyl Acetate content of EVATANE[®] 28-800 brings softness, flexibility and polarity. EVATANE[®] 28-800 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[®] 28-800 delivers high cohesive strength with most fillers and may be used to produce masterbatches. It can also be used as a viscosity modifier for various EVA based compounds such as HFFR formulations for wires and cables.

Typical Properties

	Test Method	Unit	Typical Value
Vinyl Acetate Content	FTIR (internal method)	%.-wt.	31
Melt Index (190°C/2.16kg)	ISO 1133	g/10min.	800
Melting Point	ISO 11357-3	°C	63
Density	ISO 1183	g/cm ³	0.95
Vicat Softening Temperature (10N) ¹	ISO 306 / ASTM D1525	°C	<40
Ring & Ball Temperature	ASTM E28 / NF EN 1238	°C	80
Elongation at Break ¹	ISO 527-2 / ASTM D638	%	600
Tensile Strength at Break ¹	ISO 527-2 / ASTM D638	MPa	3
Hardness Shore A ¹	ISO 868 / ASTM D2240		60

¹: On compression molded samples.



Processing

EVATANE® 28-800 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® 28-800 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.

