

EVATANE[®] 28-05

EVATANE[®] 28-05 is a random ethylene-vinyl acetate copolymer.

- The high Vinyl Acetate content of EVATANE[®] 28-05 brings softness, flexibility and polarity. EVATANE[®] 28-05 is compatible with most tackifying resins and waxes and is an efficient and easy handling product for hot melt adhesives formulations.
- EVATANE[®] 28-05 delivers high cohesive strength with most fillers and can be used to produce masterbatches or HFFR compounds. EVATANE[®] 28-05 is also suitable for film (cast or blown) extrusion, and exhibits good adhesion onto PE, PS and polyesters.

Typical Properties

	Test Method	Unit	Typical Value
Vinyl Acetate Content	FTIR (internal method)	%.-wt.	28
Melt Index (190°C/2.16kg)	ISO 1133	g/10min.	5
Melting Point	ISO 11357-3	°C	72
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	160
Elongation at Break ¹	ISO 527-2 / ASTM D638	%	1000
Tensile Strength at Break ¹	ISO 527-2 / ASTM D638	MPa	24
Hardness Shore A ¹	ISO 868 / ASTM D2240		80

¹: On compression molded samples.



Processing

EVATANE® 28-05 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® 28-05 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.

