

EVATANE[®] 28-03

EVATANE[®] 28-03 is a random ethylene-vinyl acetate copolymer.

- The high Vinyl Acetate content of EVATANE[®] 28-03 brings softness, flexibility and polarity. EVATANE[®] 28-03 delivers high cohesive strength with most fillers and can be used to produce masterbatches or HFFR compounds.
- EVATANE[®] 28-03 is also suitable for film (cast or blown) extrusion, and exhibits good adhesion onto PE, PS and polyesters. EVATANE[®] 28-03 can also be used for making foams (shoe industry), as an additive for crude oil (pour point depressant).

Typical Properties

Characteristic	Test Method	Unit	Typical Value
Vinyl Acetate Content	FTIR (internal method)	%.-wt.	27
Melt Index (190°C/2.16kg)	ISO 1133	g/10min.	3
Melting Point	ISO 11357-3	°C	76
Density	ISO 1183	g/cm ³	0.95
Vicat Softening Temperature (10N) ¹	ISO 306 / ASTM D1525	°C	41
Ring & Ball Temperature	ASTM E28 / NF EN 1238	°C	166
Elongation at Break ¹	ISO 527-2 / ASTM D638	%	1000
Tensile Strength at Break ¹	ISO 527-2 / ASTM D638	MPa	26
Hardness Shore A ¹	ISO 868 / ASTM D2240		82

¹: On compression molded samples.



Processing

EVATANE® 28-03 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® 28-03 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.

