EVATANE® 28-150

Ethylene – Vinyl Acetate (VA) copolymer with high VA content

Description

EVATANE® 28-150 is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radicalar polymerization process.

Applications

The high Vinyl Acetate content of **EVATANE® 28-150** brings softness, flexibility and polarity. **EVATANE® 28-150** 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. **EVATANE® 28-150** delivers high cohesive strength with most fillers and may be used to produce masterbatches or HFFR compounds. It can also be used as an additive for crude oil (pour point depressant).

For more detailed information and recommendations regarding your specific application, please contact your local ARKEMA technical representative.

Typical properties

Characteristics	Value	Unit	Test Method
Vinyl Acetate Content	27-29	% Wt	FTIR (Internal Method)
Melt Index (190°C / 2.16 kg)	135-175	g/10min	ISO 1133 / ASTM D1238
Density (23°C)	0.95	g/cm^3	ISO 1183
Melting point	69	°C	ISO 11357-3
Vicat softening point (10N)	<40	°C	ISO 306 / ASTM D1525
Ring & Ball temperature	100	°C	ASTM E28
Elongation at break	400-600	%	ISO 527 / ASTM D638
Tensile strength at break	8	MPa	ISO 527 / ASTM D638
Hardness Shore A	78	-	ISO 868 / ASTM D2240

Processing

EVATANE® 28-150 can be processed on most conventional equipments 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 and safety

EVATANE® 28-150 should be stored in standard conditions and protected from UV-light. Improper storage conditions may cause degradation and could have consequences on physical properties of the product.

Safety data sheet as well as information on handling and storage of the **EVATANE® 28-150** is available upon request to your ARKEMA representative or on the web site www.evatane.com.

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The world is our inspiration
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