EVATANE® 28-150

COPOLYMER Ethylene – Vinyl Acetate (VA) with high content of VA

Description

EVATANE® 28-150 is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radicalar polymerisation process. **EVATANE® 28-150** is stabilized with antioxidants.

Main application

The High Vinyl Acetate content of **EVATANE® 28-150** brings softness, flexibility and polarity.
EVATANE® 28-150 is compatible with tackifying resins and waxes. It's a useful product for hot melt adhesives formulation. **EVATANE® 28-150** delivers high cohesive strength with any kind of fillers (masterbatchs, HFFR compounds). It can also be used as an additive for crude oil (pour point depressant)

Specified properties

Characteristics	Value	Unit	Test Method
Vinyl Acetate Content	27 - 29	% wt	FTIR (Internal)
Melt Index (190°C / 2.16 kg)	135 - 175	g/10mn	ASTM D 1238

Physical properties

Characteristics	Value	Unit	Test Method
Density (23°C)	0.95	g/cm^3	ISO 1183
Melting point	68	°C	DSC
Vicat softening point (1 kg)	<40	°C	ASTM D 1525 / ISO 306
Ring & Ball temperature	88	°C	ASTM E28
Elongation at break	800-1000	%	ASTM D 638 / ISO R 527
Tensile strength at break	6	MPa	ASTM D 638 / ISO R 527
Hardness Shore A	72	-	ASTM D 2240 / ISO 868

Processing

EVATANE® 28-150 can be processed on any kind of conventional equipment used for thermoplastics.
EVATANE® 28-150 should not be overheated during processing and It is recommended to do not have melt temperatures above 230°C and to purge the equipment after a run is completed.

Storage

EVATANE® 28-150 is available in pellet form and commonly packed in 25 kg PE bags on palettes of 1.375 tons. Other packaging can be considered (ask your Arkema's representative).

Precautions of use

A safety data sheet as well as information on handling and storage of the **EVATANE® 28-150** are available close to your correspondent ARKEMA or on the site www.arkema.com under heading FDS/MSDS.

October 2007

Technical Polymers Division
420, rue d'Estienne d'Orves
92705 COLOMBES Cedex
www.arkema.com

www.evatane.com