

## Arkema Group EVATANE® 28-420 Copolymer Ethylene - Vinyl Acetate

Category : Polymer , Thermoplastic , Ethylene Vinyl Acetate , Ethylene Vinyl Acetate Copolymer (EVA), Adhesive/Sealant Grade

### Material Notes:

EVATANE® 28-420 is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radical polymerisation process.

EVATANE® 28-420 is stabilized with antioxidants. The High Vinyl Acetate content of EVATANE® 28-420 brings softness, flexibility and polarity. EVATANE® 28-420 is compatible with tackifying resins and waxes. It's a useful product for hot melt adhesives

formulation Information provided by Arkema Group

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Arkema-Group-EVATANE-28-420-Copolymer-Ethylene-Vinyl-Acetate.php](http://www.lookpolymers.com/polymer_Arkema-Group-EVATANE-28-420-Copolymer-Ethylene-Vinyl-Acetate.php)

Physical Properties	Metric	English	Comments
Density	0.950 g/cc	0.0343 lb/in <sup>3</sup>	ISO 1183
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Vinyl Acetate Content	27 - 29 %	27 - 29 %	FTIR (internal)
Melt Index of Compound	370 - 470 g/10 min	370 - 470 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	66	66	ASTM D2240
Tensile Strength at Break	2.50 MPa	363 psi	ASTM D638
Elongation at Break	800 - 1000 %	800 - 1000 %	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	65.0 °C	149 °F	DSC
Vicat Softening Point	<= 40.0 °C	<= 104 °F	ISO 306
	@Load 1.02 kg	@Load 2.25 lb	
Ring & Ball Softening Point	82.0 °C	180 °F	ASTM E28

Processing Properties	Metric	English	Comments
Processing Temperature	<= 230 °C	<= 446 °F	

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