

Arkema Group EVATANE® 28-05 Copolymer Ethylene - Vinyl Acetate

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

Material Notes:

EVATANE® 28-05 is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radical polymerisation process.

EVATANE® 28-05 is stabilized with antioxidants. The High Vinyl Acetate content of EVATANE® 28-05 brings softness, flexibility and polarity. EVATANE® 28-05 is compatible with tackifying resins and waxes. It's a useful product for hot melt adhesives formulation.

EVATANE® 28-05 delivers high cohesive strength with any kind of fillers (masterbatches, HFFR compounds, sound dampening). EVATANE® 28-05 is also very well adapted for the production of cast or blown films. Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-EVATANE-28-05-Copolymer-Ethylene-Vinyl-Acetate.php

Physical Properties	Metric	English	Comments
Density	0.950 g/cc @Temperature 23.0 °C	0.0343 lb/in ³ @Temperature 73.4 °F	ISO 1183
Vinyl Acetate Content	27 - 29 %	27 - 29 %	FTIR (internal)
Melt Index of Compound	5.0 - 8.0 g/10 min @Load 2.16 kg, Temperature 190 °C	5.0 - 8.0 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80	80	ASTM D2240
Tensile Strength at Break	24.0 MPa	3480 psi	ASTM D638
Elongation at Break	700 - 1000 %	700 - 1000 %	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	72.0 °C	162 °F	DSC
Vicat Softening Point	40.0 °C @Load 0.999 kg	104 °F @Load 2.20 lb	ISO 306
Ring & Ball Softening Point	160 °C	320 °F	ASTM E28

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

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