

Arkema Group EVATANE® 24-03 Copolymer Ethylene - Vinyl Acetate

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

Material Notes:

EVATANE® 24-03 is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radical polymerisation process.

EVATANE® 24-03 is stabilized with antioxidants. The High Vinyl Acetate content of EVATANE® 24-03 brings softness, flexibility and polarity. EVATANE® 24-03 delivers high cohesive strength with any kind of fillers (masterbatches, HFFR compounds). EVATANE® 24-03 is also very well adapted for the production of cast or blown films. It can also be used as an additive for bitumen. Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-EVATANE-24-03-Copolymer-Ethylene-Vinyl-Acetate.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc @Temperature 23.0 °C	0.0340 lb/in³ @Temperature 73.4 °F	ISO 1183
Vinyl Acetate Content	23 - 25 %	23 - 25 %	FTIR (internal)
Melt Index of Compound	2.5 - 3.5 g/10 min @Load 2.16 kg, Temperature 190 °C	2.5 - 3.5 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	83	83	ASTM D2240
Tensile Strength at Break	27.0 MPa	3920 psi	ASTM D638
Elongation at Break	600 - 900 %	600 - 900 %	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	80.0 °C	176 °F	DSC
Vicat Softening Point	46.0 °C @Load 0.999 kg	115 °F @Load 2.20 lb	ISO 306
Ring & Ball Softening Point	183 °C	361 °F	ASTM E28

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

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