

Arkema Group EVATANE® 42-60 Copolymer Ethylene - Vinyl Acetate

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

Material Notes:

EVATANE 42-60 is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radical polymerisation process. EVATANE 42-60 is stabilized with antioxidants and contains slip and antiblock additives. EVATANE 42-60 is readily dissolved into solvent and can be used in inks or solvent adhesives. The High Vinyl Acetate content of EVATANE 42-60 brings softness, flexibility, polarity and high solubility. Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-EVATANE-42-60-Copolymer-Ethylene-Vinyl-Acetate.php

Physical Properties	Metric	English	Comments
Density	0.960 g/cc @Temperature 23.0 °C	0.0347 lb/in ³ @Temperature 73.4 °F	ISO 1183
Vinyl Acetate Content	41 - 44 %	41 - 44 %	FTIR (internal)
Melt Index of Compound	55 - 80 g/10 min @Load 2.16 kg, Temperature 190 °C	55 - 80 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	42	42	ASTM D2240
Tensile Strength at Break	5.00 MPa	725 psi	ASTM D638
Elongation at Break	900 - 1100 %	900 - 1100 %	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	48.0 °C	118 °F	DSC
Vicat Softening Point	<= 40.0 °C @Load 1.02 kg	<= 104 °F @Load 2.25 lb	ISO 306
Ring & Ball Softening Point	95.0 °C	203 °F	ASTM E28

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

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