

Arkema Group EVATANE® 20-20 Copolymer Ethylene - Vinyl Acetate

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

Material Notes:

EVATANE® 20-20 is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radical polymerisation process.

EVATANE® 20-20 is stabilized with antioxidants. The High Vinyl Acetate content of EVATANE® 20-20 brings softness, flexibility and polarity. EVATANE® 20-20 is compatible with tackifying resins and waxes. It's a useful product for hot melt adhesives formulation.

EVATANE® 20-20 can also be used as a matrix to produce foams, cable compounds or 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-20-20-Copolymer-Ethylene-Vinyl-Acetate.php

Physical Properties	Metric	English	Comments
Density	0.940 g/cc @Temperature 23.0 °C	0.0340 lb/in ³ @Temperature 73.4 °F	ISO 1183
Vinyl Acetate Content	19 - 21 %	19 - 21 %	FTIR (internal)
Melt Index of Compound	17 - 23 g/10 min @Load 2.16 kg, Temperature 190 °C	17 - 23 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	82	82	ASTM D2240
Tensile Strength at Break	14.0 MPa	2030 psi	ASTM D638
Elongation at Break	600 - 900 %	600 - 900 %	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	82.0 °C	180 °F	DSC
Vicat Softening Point	47.0 °C @Load 0.999 kg	117 °F @Load 2.20 lb	ISO 306
Ring & Ball Softening Point	127 °C	261 °F	ASTM E28

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

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