

Arkema Group EVATANE® 18-150 Copolymer Ethylene - Vinyl Acetate

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

Material Notes:

EVATANE® 18-150 is a random copolymer of Ethylene and Vinyl Acetate made by high-pressure radical polymerisation process.

EVATANE® 18-150 is stabilized with antioxidants. The High Vinyl Acetate content of EVATANE® 18-150 brings softness, flexibility and polarity. EVATANE® 18-150 is compatible with tackifying resins and waxes. Combined with a high fluidity, it's a useful product for hot melt adhesives formulation. EVATANE® 18-150 delivers high cohesive strength and compatibility with any kind of fillers (masterbatches, compounds etc.). Information provided by Arkema Group

Order this product through the following link:

http://www.lookpolymers.com/polymer_Arkema-Group-EVATANE-18-150-Copolymer-Ethylene-Vinyl-Acetate.php

Physical Properties	Metric	English	Comments
Density	0.930 g/cc @Temperature 23.0 °C	0.0336 lb/in ³ @Temperature 73.4 °F	ISO 1183
Vinyl Acetate Content	17 - 19 %	17 - 19 %	FTIR (internal)
Melt Index of Compound	135 - 170 g/10 min @Load 2.16 kg, Temperature 190 °C	135 - 170 g/10 min @Load 4.76 lb, Temperature 374 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	84	84	ASTM D2240
Tensile Strength at Break	7.00 MPa	1020 psi	ASTM D638
Elongation at Break	600 - 900 %	600 - 900 %	ASTM D638

Thermal Properties	Metric	English	Comments
Melting Point	81.0 °C	178 °F	DSC
Vicat Softening Point	41.0 °C @Load 0.999 kg	106 °F @Load 2.20 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	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China