

Evonik Corporation Vestamelt® 4481 Copolyamide Hotmelt Adhesive

Category : Polymer , Adhesive , Thermoplastic , Nylon

Material Notes:

Description: High Performance Polymers manufactures a line of customized hotmelt adhesives. They are supplied as powders and granulates under the trade name VESTAMELT®. Used in a variety of industries, they provide all applications with a good balance of high-quality service properties, easy and reliable processing, and high cost-effectiveness. VESTAMELT® features the following special properties: economic bonding, also to sensitive textiles and surfaces that are difficult to fuse, high resistance to washing and dry cleaning, good resistance to strike back steam resistance, solvent resistance. VESTAMELT® powders or granulates can be applied to substrates by means of typical processes. VESTAMELT® hotmelt adhesives are used in various application fields: In the textile industry they bond interlinings in women's and men's garments. In addition, they are successfully used in technical textile manufacturing. The automotive industry uses the thermoplastic hotmelt adhesives to fix interior trim and seat heaters on the one hand, on the other hand for the reliable bonding of paper to aluminum for the construction of fuel filters. Copolyamide hotmelt adhesives permit cost-effective manufacture of advanced components as windows, ceilings, carpets and acoustic insulation systems with lightweight panels. To make deflection yokes, insulated wires are coated with hotmelt varnishes and bonded together. The dimensionally stable coils obtained in this way find application in the electrical industry. Information provided by degussa.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-Vestamelt-4481-Copolyamide-Hotmelt-Adhesive.php

Physical Properties	Metric	English	Comments
Viscosity Measurement	80	80	Solution Viscosity
Melt Flow	16 g/10 min @Load 2.16 kg, Temperature 160 °C	16 g/10 min @Load 4.76 lb, Temperature 320 °F	

Thermal Properties	Metric	English	Comments
Melting Point	107 °C	225 °F	DSC Melting Point
	120 °C	248 °F	Kofler Bar Tack Point
	130 °C	266 °F	Optical Melting Point
	135 °C	275 °F	Kofler Bar Melting Point

Descriptive Properties	Value	Comments
Heat Setting Pressure	3-5 N/cm ²	
Heat Setting Temperature	120-140 °C	
Heat Setting Time	10-20 seconds	
Resistance to Dry Cleaning	Satisfactory	

Descriptive Properties	Value	Comments
Resistance to Washing at 60°C	Satisfactory	
Supply Form	Powder	

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