

## Evonik Corporation Vestamelt® X1017/25 Copolyamide Development 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, 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-X101725-Copolyamide-Development-Hotmelt-Adhesive.php](http://www.lookpolymers.com/polymer_Evonik-Corporation-Vestamelt-X101725-Copolyamide-Development-Hotmelt-Adhesive.php)

| Physical Properties   | Metric                               | English                              | Comments           |
|-----------------------|--------------------------------------|--------------------------------------|--------------------|
| Viscosity Measurement | 1.25                                 | 1.25                                 | Solution Viscosity |
| Melt Flow             | 270 g/10 min                         | 270 g/10 min                         |                    |
|                       | @Load 2.16 kg,<br>Temperature 160 °C | @Load 4.76 lb,<br>Temperature 320 °F |                    |

| Thermal Properties | Metric | English | Comments                 |
|--------------------|--------|---------|--------------------------|
| Melting Point      | 100 °C | 212 °F  | Kofler Bar Tack Point    |
|                    | 110 °C | 230 °F  | DSC Melting Point        |
|                    | 117 °C | 243 °F  | Optical Melting Point    |
|                    | 120 °C | 248 °F  | Kofler Bar Melting Point |

| Descriptive Properties   | Value                 | Comments |
|--------------------------|-----------------------|----------|
| Heat Setting Pressure    | 2-5 N/cm <sup>2</sup> |          |
| Heat Setting Temperature | 120-150 °C            |          |
| Heat Setting Time        | 10-15 seconds         |          |

| Resistance to Dry Cleaning<br>Descriptive Properties | Very Good<br>Value | Comments |
|--|--------------------|----------|
| Resistance to Steam                                  | Very Good          |          |
| Resistance to Washing at 60°C                        | Good               |          |
| Supply Form  | Granules, Powder   |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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