

## EMS-Griltech Griltech® D 1556A Copolyamide Hotmelt Adhesive (Technical Applications)

Category : Polymer , Adhesive , Thermoplastic , Nylon

### Material Notes:

Description: GRILTEX adhesive products, either in pellet or powdered form, are used to coat apparel interlining substrates. Interlining substrates, coated with GRILTEX adhesive products, provides for excellent resistance and dimensional stability of the finished garment. For technical applications, GRILTEX adhesive products are used to optimize the manufacturing process for the production of automotive interior components or parts for other applications. All values were determined on dried pellets. Applications: Automotive Interiors (Door Panel, Headliner, Seat), Adhesive Films (supported), Home Furnishing Bonding Properties: Paper, Wood, Polyamide, PUR (Foam) Data provided by EMS-Griltech.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_EMS-Griltech-Griltech-D-1556A-Copolyamide-Hotmelt-Adhesive-Technical-Applications.php](http://www.lookpolymers.com/polymer_EMS-Griltech-Griltech-D-1556A-Copolyamide-Hotmelt-Adhesive-Technical-Applications.php)

| Physical Properties | Metric                            | English                           | Comments                          |
|---------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Viscosity           | 500000 cP                         | 500000 cP                         | 2.16 kg load; ISO 1133            |
|                     | @Temperature 160 °C               | @Temperature 320 °F               |                                   |
| Melt Flow           | 21 g/10 min                       | 21 g/10 min                       | cm <sup>3</sup> /10 min; ISO 1133 |
|                     | @Load 2.16 kg, Temperature 160 °C | @Load 4.76 lb, Temperature 320 °F |                                   |

| Thermal Properties | Metric       | English      | Comments |
|--------------------|--------------|--------------|----------|
| Melting Point      | 130 - 140 °C | 266 - 284 °F | DSC      |

| Processing Properties  | Metric       | English      | Comments                     |
|------------------------|--------------|--------------|------------------------------|
| Processing Temperature | 140 - 170 °C | 284 - 338 °F | Lamination Adhesive          |
|                        | 150 - 190 °C | 302 - 374 °F | Films Die Head               |
| Die Temperature        | 180 - 220 °C | 356 - 428 °F | Hotmelt Coating Slot Die     |
| Roll Temperature       | 170 - 210 °C | 338 - 410 °F | Hotmelt Coating Multi Roller |

| Descriptive Properties | Value            | Comments |
|------------------------|------------------|----------|
| Crystallization Speed  | Medium           |          |
| Form of Delivery       | Granules, Powder |          |

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