

EMS-Griltech Griltech® D 1299A Heat Stabilized 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: Adhesive Films (supported), Home Furnishing Bonding Properties: Paper, Wood, Polyamide, PUR (Foam), Polyolefin, Leather Data provided by EMS-Griltech.

Order this product through the following link:

http://www.lookpolymers.com/polymer_EMS-Griltech-Griltech-D-1299A-Heat-Stabilized-Copolyamide-Hotmelt-Adhesive-Technical-Applications.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------------------------------|-----------------------------------|---------------------------------|
| Viscosity | 130000 cP | 130000 cP | 2.16 kg load; ISO 1133 |
| | @Temperature 160 °C | @Temperature 320 °F | |
| Melt Flow | 80 g/10 min | 80 g/10 min | cm³/10 min; ISO 1133 |
| | @Load 2.16 kg, Temperature 160 °C | @Load 4.76 lb, Temperature 320 °F | |

| Thermal Properties | Metric | English | Comments |
|--------------------|--------------|--------------|----------|
| Melting Point | 105 - 115 °C | 221 - 239 °F | DSC |

| Processing Properties | Metric | English | Comments |
|------------------------|--------------|--------------|------------------------------|
| Processing Temperature | 110 - 130 °C | 230 - 266 °F | Lamination Adhesive |
| | 120 - 150 °C | 248 - 302 °F | Films Die Head |
| Die Temperature | 160 - 180 °C | 320 - 356 °F | Hotmelt Coating Slot Die |
| Roll Temperature | 150 - 170 °C | 302 - 338 °F | Hotmelt Coating Multi Roller |
| | 180 - 220 °C | 356 - 428 °F | Engraved Roller |

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

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