

## EMS-Griltech Griltech® D 1582E Copolyester Hotmelt Adhesive (Technical Applications)

Category : Polymer , Adhesive , Thermoplastic , Polyester, TP

### 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: Filters, Home Furnishing, Flexible Coatings (flexible) Bonding Properties: Metal, Paper, Wood, PVC, ABS, PUR (Foam/Film), Polyolefin, Polyester, Leather Data provided by EMS-Griltech.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_EMS-Griltech-Griltech-D-1582E-Copolyester-Hotmelt-Adhesive-Technical-Applications.php](http://www.lookpolymers.com/polymer_EMS-Griltech-Griltech-D-1582E-Copolyester-Hotmelt-Adhesive-Technical-Applications.php)

Physical Properties	Metric	English	Comments
Viscosity	80000 cP	80000 cP	2.16 kg load; ISO 1133
	@Temperature 160 °C	@Temperature 320 °F	
Melt Flow	130 g/10 min	130 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	75.0 - 85.0 °C	167 - 185 °F	DSC

Processing Properties	Metric	English	Comments
Processing Temperature	90.0 - 110 °C	194 - 230 °F	Lamination Adhesive
Die Temperature	140 - 170 °C	284 - 338 °F	Hotmelt Coating Slot Die
Roll Temperature	130 - 150 °C	266 - 302 °F	Hotmelt Coating Multi Roller
	170 - 210 °C	338 - 410 °F	Engraved Roller

Descriptive Properties	Value	Comments
Crystallization Speed	Very Fast	
Form of Delivery	Granules, Powder	

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