

EMS-Griltech Griltech® D 1539E 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: Automotive Interiors (Door Panel, Seat), Filters, Home Furnishing

Bonding Properties: Metal, Paper, Wood, PVC, PUR (Foam/Film), Polyester

Data provided by EMS-Griltech.

Order this product through the following link:
http://www.lookpolymers.com/polymer_EMS-Griltech-Griltech-D-1539E-Copolyester-Hotmelt-Adhesive-Technical-Applications.php

Physical Properties	Metric	English	Comments
Viscosity	100000 cP	100000 cP	2.16 kg load; ISO 1133
	@Temperature 160 °C	@Temperature 320 °F	
Melt Flow	105 g/10 min	105 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	118 - 123 °C	244 - 253 °F	DSC

Processing Properties	Metric	English	Comments
Processing Temperature	120 - 140 °C	248 - 284 °F	Lamination Adhesive
	130 - 160 °C	266 - 320 °F	Films Die Head
Die Temperature	150 - 180 °C	302 - 356 °F	Hotmelt Coating Slot Die
Roll Temperature	140 - 160 °C	284 - 320 °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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