

EMS-Griltech Griltech® D 1441E 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, Adhesive Films (supported), Home Coatings, Flexible Coatings (highly flexible) 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-1441E-Copolyester-Hotmelt-Adhesive-Technical-Applications.php

Physical Properties	Metric	English	Comments
Viscosity	180000 cP	180000 cP	2.16 kg load; ISO 1133
	@Temperature 160 °C	@Temperature 320 °F	
Melt Flow	60 g/10 min	60 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	120 - 130 °C	248 - 266 °F	DSC

Processing Properties	Metric	English	Comments
Processing Temperature	130 - 150 °C	266 - 302 °F	Lamination Adhesive
	140 - 170 °C	284 - 338 °F	Films Die Head
Die Temperature	160 - 200 °C	320 - 392 °F	Hotmelt Coating Slot Die
Roll Temperature	150 - 180 °C	302 - 356 °F	Hotmelt Coating Multi Roller
	180 - 220 °C	356 - 428 °F	Engraved Roller

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

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