

EMS-Griltech Griltech® D 1309E 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 (Headliner), Filters, Adhesive Films (supported), Home Furnishing

Bonding Properties: Metal, Paper, PUR (Foam), Polyester

Data provided by EMS-Griltech.

Order this product through the following link:
http://www.lookpolymers.com/polymer_EMS-Griltech-Griltech-D-1309E-Copolyester-Hotmelt-Adhesive-Technical-Applications.php

Physical Properties	Metric	English	Comments
Viscosity	120000 cP	120000 cP	2.16 kg load; ISO 1133
	@Temperature 190 °C	@Temperature 374 °F	
Melt Flow	90 g/10 min	90 g/10 min	cm³/10 min; ISO 1133
	@Load 2.16 kg, Temperature 190 °C	@Load 4.76 lb, Temperature 374 °F	

Thermal Properties	Metric	English	Comments
Melting Point	145 - 155 °C	293 - 311 °F	DSC

Processing Properties	Metric	English	Comments
Processing Temperature	160 - 180 °C	320 - 356 °F	Lamination Adhesive
	170 - 200 °C	338 - 392 °F	Films Die Head
Die Temperature	180 - 200 °C	356 - 392 °F	Hotmelt Coating Slot Die
Roll Temperature	170 - 210 °C	338 - 410 °F	Hotmelt Coating Multi Roller
	210 - 240 °C	410 - 464 °F	Engraved Roller

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

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