

EMS-Griltech Griltech® D 1531E 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, Adhesive Films (supported), Home Furnishing, Flexible Coatings (highly 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-1531E-Copolyester-Hotmelt-Adhesive-Technical-Applications.php

Physical Properties	Metric	English	Comments
Viscosity	250000 cP	250000 cP	2.16 kg load; ISO 1133
	@Temperature 160 °C	@Temperature 320 °F	
Melt Flow	40 g/10 min	40 g/10 min	cm ³ /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 - 120 °C	194 - 248 °F	Lamination Adhesive
	100 - 130 °C	212 - 266 °F	Films Die Head
Die Temperature	150 - 190 °C	302 - 374 °F	Hotmelt Coating Slot Die
Roll Temperature	140 - 180 °C	284 - 356 °F	Hotmelt Coating Multi Roller
	180 - 220 °C	356 - 428 °F	Engraved Roller

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

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