

Evonik Corporation DYNACOLL® 7330 Copolyester

Category : Polymer , Thermoset , Polyester, TS

Material Notes:

DYNACOLL® 7000 products are linear copolyesters with primary hydroxyl functionality and medium molecular weight. Our DYNACOLL® 7000 product line is designed as a building block system, allowing the tailormade production of reactive hot melts (RHM). The 7300 series is a crystalline

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-DYNACOLL-7330-Copolyester.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in ³	
	@Temperature 23.0 °C	@Temperature 73.4 °F	
Viscosity	300 cP	300 cP	
	@Temperature 130 °C	@Temperature 266 °F	
Molecular Weight	3500 g/mol	3500 g/mol	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	25.0 MPa	3630 psi	with MDI; OH:NCO=1:2.13
Elongation at Break	15 %	15 %	with MDI; OH:NCO=1:2.13

Thermal Properties	Metric	English	Comments
Melting Point	85.0 °C	185 °F	
Softening Point	90.0 °C	194 °F	
Flash Point	>= 300 °C	>= 572 °F	

Chemical Properties	Metric	English	Comments
Total Acid Number	<= 2.0	<= 2.0	[mg KOH/g]

Descriptive Properties	Value	Comments
Hydroxyl Number (mg KOH/g)	27-34	

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