

Evonik Corporation DYNACOLL® 7250 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 7200 series is a liquid.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-DYNACOLL-7250-Copolyester.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc @Temperature 23.0 °C	0.0415 lb/in ³ @Temperature 73.4 °F	
Viscosity	5000 cP @Temperature 80.0 °C	5000 cP @Temperature 176 °F	
Molecular Weight	5500 g/mol	5500 g/mol	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	15.0 MPa	2180 psi	with MDI; OH:NCO=1:2.5
Elongation at Break	1500 %	1500 %	with MDI; OH:NCO=1:2.5

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	-50.0 °C	-58.0 °F	
Flash Point	>= 200 °C	>= 392 °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)	18-24	

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