

Evonik Corporation DYNAPOL® S EP1408 Linear Copolyester

Category : Polymer , Thermoplastic , Polyester , TP

Material Notes:

A saturated linear copolyester, slightly crystalline. Generally used for solvent based lamination.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-DYNAPOL-S-EP1408-Linear-Copolyester.php

Physical Properties	Metric	English	Comments
Viscosity	15000 cP	15000 cP	melt; (Plate/Plate)
	@Temperature 220 °C	@Temperature 428 °F	
	30000 cP	30000 cP	melt; (Plate/Plate)
	@Temperature 200 °C	@Temperature 392 °F	
55000 cP	55000 cP	melt; (Plate/Plate)	
@Temperature 180 °C	@Temperature 356 °F		
	100000 cP	100000 cP	melt; (Plate/Plate)
	@Temperature 160 °C	@Temperature 320 °F	
Viscosity Test	90 cm ³ /g	90 cm ³ /g	DIN 53 728
Melt Flow	75 g/10 min	75 g/10 min	DIN ISO 1133
	@Temperature 160 °C	@Temperature 320 °F	
	130 g/10 min	130 g/10 min	DIN ISO 1133
@Temperature 180 °C	@Temperature 356 °F		
	200 g/10 min	200 g/10 min	DIN ISO 1133
	@Temperature 200 °C	@Temperature 392 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	17	17	
Tensile Strength, Ultimate	2.00 MPa	290 psi	DIN EN ISO 527-1/3
Elongation at Break	500 %	500 %	

Thermal Properties	Metric	English	Comments
Melting Point	80.0 °C	176 °F	DIN 53 765
Softening Point	95.0 °C	203 °F	DIN ISO 4625

Glass Transition Temp, Tg Thermal Properties	-30.0 °C Metric	-22.0 °F English	DIN 53 765 Comments
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Chemical Properties	Metric	English	Comments
Total Acid Number	2.0	2.0	

Descriptive Properties	Value	Comments
Hydroxyl Number (mg KOH/g)	4	

Contact Songhan Plastic Technology Co.,Ltd.

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