

Evonik Corporation DYNAPOL® S 361 Linear Copolyester

Category : Polymer , Thermoplastic , Polyester, TP

Material Notes:

A saturated linear copolyester, highly crystalline. Generally used for automotive air filter bondings

Order this product through the following link:

http://www.lookpolymers.com/polymer_Evonik-Corporation-DYNAPOL-S-361-Linear-Copolyester.php

Physical Properties	Metric	English	Comments
Viscosity	30000 cP	30000 cP	melt; (Plate/Plate)
	@Temperature 220 °C	@Temperature 428 °F	
Viscosity	50000 cP	50000 cP	melt; (Plate/Plate)
	@Temperature 200 °C	@Temperature 392 °F	
Viscosity Test	82 cm ³ /g	82 cm ³ /g	DIN 53 728
Melt Flow	200 g/10 min	200 g/10 min	DIN ISO 1133
	@Temperature 200 °C	@Temperature 392 °F	
Melt Flow	300 g/10 min	300 g/10 min	DIN ISO 1133
	@Temperature 220 °C	@Temperature 428 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	
Tensile Strength, Ultimate	20.0 MPa	2900 psi	DIN EN ISO 527-1/3
Elongation at Break	90 %	90 %	

Thermal Properties	Metric	English	Comments
Melting Point	175 °C	347 °F	DIN 53 765
Softening Point	175 °C	347 °F	DIN ISO 4625
Glass Transition Temp, Tg	-10.0 °C	14.0 °F	DIN 53 765

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