

## Evonik Corporation DYNAPOL® S 341 Linear Copolyester

Category : Polymer , Thermoplastic , Polyester, TP

### Material Notes:

A saturated linear copolyester, partially crystalline. Generally used in a melt from heated tanks or extruders for the adhesion of leather, paper and cardboard.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Evonik-Corporation-DYNAPOL-S-341-Linear-Copolyester.php](http://www.lookpolymers.com/polymer_Evonik-Corporation-DYNAPOL-S-341-Linear-Copolyester.php)

Physical Properties	Metric	English	Comments
Density	1.30 g/cc	0.0470 lb/in <sup>3</sup>	DIN 53 479
Viscosity	5000 cP	5000 cP	melt; (Plate/Plate)
	@Temperature 220 °C	@Temperature 428 °F	
	10000 cP	10000 cP	
Viscosity	@Temperature 200 °C	@Temperature 392 °F	melt; (Plate/Plate)
	20000 cP	20000 cP	
	@Temperature 180 °C	@Temperature 356 °F	
Viscosity Test	62 - 70 cm <sup>3</sup> /g	62 - 70 cm <sup>3</sup> /g	DIN 53 728
Melt Flow	300 g/10 min	300 g/10 min	DIN ISO 1133
	@Temperature 160 °C	@Temperature 320 °F	
	600 g/10 min	600 g/10 min	
Melt Flow	@Temperature 180 °C	@Temperature 356 °F	DIN ISO 1133
	750 g/10 min	750 g/10 min	
	@Temperature 200 °C	@Temperature 392 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	52	52	
Tensile Strength, Ultimate	15.0 MPa	2180 psi	DIN EN ISO 527-1/3
Elongation at Break	460 %	460 %	

Thermal Properties	Metric	English	Comments
Melting Point	145 - 155 °C	293 - 311 °F	differential scanning calorimetry; DIN 53 765
Softening Point	155 °C	311 °F	DIN ISO 4625

Class Transition Temp. Tg Thermal Properties	-30.0 °C Metric	-22.0 °F English	DIN 53 765 Comments
Descriptive Properties		Value	Comments
Hydroxyl Number (mg KOH/g)		10	DIN 53 240-2

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China