

## Lubrizol Advanced Materials PEARLBOND® DIPP-539 Linear Thermoplastic Polyurethane (discontinued \*\*)

Category : Polymer , Thermoplastic , Polyurethane, TP

### Material Notes:

PEARLBOND® DIPP-539 is a linear, polycaprolactone-copolester polyurethane with a very high crystallization rate and a very high thermoplasticity level. Applications: PEARLBOND® DIPP-539 can be added to formulations of REACTIVE POLYURETHANE HOT-MELTS, in order to improve the crystallisation speed.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lubrizol-Advanced-Materials-PEARLBOND-DIPP-539-Linear-Thermoplastic-Polyurethane-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_Lubrizol-Advanced-Materials-PEARLBOND-DIPP-539-Linear-Thermoplastic-Polyurethane-nbspdiscontinued-.php)

Physical Properties	Metric	English	Comments
Density	1.19 g/cc	0.0430 lb/in <sup>3</sup>	DIN 53.479
Viscosity	170000 cP @Temperature 130 °C	170000 cP @Temperature 266 °F	Melt; DIN 53.735
Melt Flow	150 - 200 g/10 min @Load 2.16 kg, Temperature 170 °C	150 - 200 g/10 min @Load 4.76 lb, Temperature 338 °F	DIN 53.735

Thermal Properties	Metric	English	Comments
Melting Point	58.0 - 60.0 °C	136 - 140 °F	MQSA 70 A

Chemical Properties	Metric	English	Comments
Total Base Number	<= 5.0	<= 5.0	mg KOH/g; MQSA 47

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.15 %	<= 0.15 %	MQSA 44

Descriptive Properties	Value	Comments
Crystallization rate (minutes)	8 - 10	MQSA 12 B
Supply Form	Small white pellets	
Thermoplasticity	Very high	MQSA 68 A

Contact Songhan Plastic Technology Co.,Ltd.

Website : 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