

Lubrizol Advanced Materials Pearlbond® 550 Thermoplastic Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

Pearlbond® 550 is a linear, polycaprolactone-copolyester polyurethane, supplied in form of white spherical granules with a very high crystallization rate and a very high thermoplasticity level. Application: Pearlbond® 550 can be added to formulations of REACTIVE POLYURETHANE HOT-MELTS (HMPUR), in order to improve the crystallisation speed.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lubrizol-Advanced-Materials-Pearlbond-550-Thermoplastic-Polyurethane.php

Physical Properties	Metric	English	Comments
Density	1.19 g/cc	0.0430 lb/in ³	ISO 2781
Viscosity	2.70e+6 cP @Temperature 130 Â°C	2.70e+6 cP @Temperature 266 Â°F	Melt; ISO 1133
Melt Flow	10 - 30 g/10 min @Load 2.16 kg, Temperature 170 Â°C	10 - 30 g/10 min @Load 4.76 lb, Temperature 338 Â°F	ISO 1133

Thermal Properties	Metric	English	Comments
Melting Point	66.0 - 70.0 Â°C	151 - 158 Â°F	MQSA 70 A

Processing Properties	Metric	English	Comments
Moisture Content	<= 0.150 %	<= 0.150 %	MQSA 44

Descriptive Properties	Value	Comments
Crystallization Rate	10-14 minutes	MQSA 12 B
OH Value	< 3 mg/KOH/g	MQSA 47 A
Thermoplasticity	Very High	MQSA 68A

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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