

Lubrizol Advanced Materials PEARLBOND® 108 Linear Thermoplastic Polyurethane (discontinued **)

Category : Polymer , Thermoplastic , Polyurethane, TP

Material Notes:

PEARLBOND® 108 is a linear, aromatic polycaprolactone-based polyurethane, supplied in form of white slightly yellowish pellets, which combines a high crystallization rate with a medium thermoplasticity level. Applications: PEARLBOND® 108 is mainly used for making heat-sealable fabrics (Thermobonding), obtained by coating processes such as scattering or dot-coating (powder or paste). In all cases, the product is previously ground into powder, by cryogenic grinding. The particle size of the powder will depend on the application technique to be used.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lubrizol-Advanced-Materials-PEARLBOND-108-Linear-Thermoplastic-Polyurethane-nbspdiscontinued-.php

Physical Properties	Metric	English	Comments
Density	1.19 g/cc	0.0430 lb/in ³	DIN 53.479
Viscosity	3.82e+6 cP @Temperature 160 °C	3.82e+6 cP @Temperature 320 °F	Melt viscosity @ 2.16 kg; DIN 53.735
Brookfield Viscosity	350 - 650 cP	350 - 650 cP	RVT (15% in MEK); MQSA 55 A
Melt Flow	40 - 90 g/10 min @Load 2.16 kg, Temperature 170 °C	40 - 90 g/10 min @Load 4.76 lb, Temperature 338 °F	DIN 53.735

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	93	93	DIN 53.505

Thermal Properties	Metric	English	Comments
Melting Point	73.0 - 77.0 °C	163 - 171 °F	MQSA 70 A
Softening Point	59.0 - 63.0 °C	138 - 145 °F	MQSA 70 A

Descriptive Properties	Value	Comments
Crystallization rate (minutes)	High	MQSA 12 B
Thermoplasticity	Medium	MQSA 68 A

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