

# Pearlbond™ 501

Thermoplastic Polyurethane Elastomer (Polycaprolactone)

Lubrizol Advanced Materials, Inc.

## Message:

PEARLBOND® 501 is a linear, polycaprolactone-copolyester polyurethane, supplied in form of white spherical granules with a high crystallization rate and a very high thermoplasticity level.

Pearlbond® 501 can be added to formulations of REACTIVE POLYURETHANE HOT-MELTS (HMPUR), in order to improve the crystallisation speed.

General Information			
Features	Crystalline		
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	White		
Forms	Granules		
Physical	Nominal Value	Unit	Test Method
Density (20°C)	1.19	g/cm <sup>3</sup>	ISO 2781
Melt Mass-Flow Rate (MFR) (170°C/2.16 kg)	30 to 60	g/10 min	ISO 1133
Moisture Content	< 1500	ppm	Internal Method
Crystallization Rate	15.0 to 17.0	min	Internal Method
OH Value	< 3.00	mg KOH/g	Internal Method
Thermoplasticity	Very High		Internal Method
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	63.0 to 67.0	°C	Internal Method
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (130°C)	950	Pa·s	ISO 1133

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Recommended distributors for this material

### Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

