

## Lubrizol Estane® UB450 Thermoplastic Polyurethane

Category : Polymer , Thermoplastic , Polyurethane, TP , Thermoplastic Polyurethane (TPUR), Polyester Grade

**Material Notes:**

Type: Estane® UB450 is a Shore A, polyester based, solvent-borne adhesive thermoplastic polyurethane (TPU). Uses: Solvent Coating. Available in Asia. Information Provided by The Lubrizol Corporation

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Lubrizol-Estane-UB450-Thermoplastic-Polyurethane.php](http://www.lookpolymers.com/polymer_Lubrizol-Estane-UB450-Thermoplastic-Polyurethane.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.20 g/cc	1.20 g/cc	ASTM D792
Brookfield Viscosity	2500 cP	2500 cP	15% NV at MEK, SPDL No 3, 10 rpm; SRTM 3032-2-S
Melt Flow	14 g/10 min	14 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 140 °C	@Load 4.76 lb, Temperature 284 °F	
	80 g/10 min	80 g/10 min	
	@Load 2.16 kg, Temperature 160 °C	@Load 4.76 lb, Temperature 320 °F	ASTM D1238
	112 g/10 min	112 g/10 min	ASTM D1238
	@Load 2.16 kg, Temperature 180 °C	@Load 4.76 lb, Temperature 356 °F	

Thermal Properties	Metric	English	Comments
Melting Point	100 °C	212 °F	Kofler; SRTM 3022-9

Descriptive Properties	Value	Comments
Appearance	Opaque	
Flexibility (Hand)	Firm	

## Contact Songhan Plastic Technology Co.,Ltd.

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