

Lubrizol Estane® X-595A-3FR Thermoplastic Polyurethane

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

Material Notes:

Type: Estane® X595A-3FR TPU is a Shore 94A, polyester type thermoplastic polyurethane elastomer. Uses: Film Blowing, Extrusion. Available in Asia Information Provided by The Lubrizol Corporation

Order this product through the following link:

http://www.lookpolymers.com/polymer_Lubrizol-Estane-X-595A-3FR-Thermoplastic-Polyurethane.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.22 g/cc	1.22 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	94	94	ASTM D2240
Tensile Strength, Ultimate	39.2 MPa	5690 psi	ASTM D412
Tensile Strength, Yield	11.8 MPa	1710 psi	at 100% elongation; ASTM D412
	20.6 MPa	2990 psi	at 300% elongation; ASTM D412
Elongation at Break	550 %	550 %	ASTM D412
Tear Strength	113 kN/m	644 pli	Die C; ASTM D624
Compression Set	15 %	15 %	ASTM D395
	@Temperature 23.0 °C, Time 79200 sec	@Temperature 73.4 °F, Time 22.0 hour	
	60 %	60 %	ASTM D395
	@Temperature 70.0 °C, Time 79200 sec	@Temperature 158 °F, Time 22.0 hour	

Thermal Properties	Metric	English	Comments
Vicat Softening Point	105 °C	221 °F	ASTM D1525

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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