

# Andur 85 APLF/Curene® 442

Polyurethane (Polyether, TDI)  
Anderson Development Company

## Message:

Andur 85 APLF is a polyether (PTMG) based liquid, toluene diisocyanate terminated prepolymer containing 0.1% or less free TDI. An elastomer with a hardness of 83-85 Shore A is obtained when this prepolymer is cured with Curene 442 [4,4'-methylene-bis (orthochloroaniline)]. Elastomers of lower hardness can be obtained by reaction with various polyols and their combination with Curene 442 and other diamines, and by the use of plasticizers.

General Information			
Forms	Liquid		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	84		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% strain	5.34	MPa	ASTM D412
300% strain	10.6	MPa	ASTM D412
Tensile Strength (Yield)	29.0	MPa	ASTM D412
Tensile Elongation (Break)	450	%	ASTM D412
Bayshore Resilience	60	%	ASTM D2632
Thermoset	Nominal Value	Unit	
Pot Life	15 - 20	min	
Demold Time (100°C)	40	min	
Post Cure Time (100°C)	16	hr	

Additional Information

Durometer Hardness, ASTM D2240, Shore A: 83 to 85Die C Tear, ASTM D1004: 310 pliAverage Split Tear, ASTM D1938: 55 pliStoichiometry Curative Level: 95%Mix Temperature:  
Andur 85 APLF: 160-180°F  
Curene 442: 230-240°F

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



WECHAT