

Andur 70 DP/Curene® 442

Polyurethane (Polyether, TDI)
Anderson Development Company

Message:

Andur 70-DP is a polyether (PTMG) based liquid, toluene diisocyanate terminated prepolymer. An elastomer with a hardness of 70 Shore D 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, or by the use of plasticizers.

General Information			
Forms	Liquid		
Physical	Nominal Value	Unit	Test Method
Density	1.18	g/cm ³	ASTM D1505
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	71		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	29.2	MPa	ASTM D412
Tensile Strength (Yield)	57.2	MPa	ASTM D412
Tensile Elongation (Break)	83	%	ASTM D412
Compression Set	33	%	ASTM D395B
Bayshore Resilience	45	%	ASTM D2632
Thermoset	Nominal Value	Unit	
Pot Life	1.0 - 1.5	min	
Demold Time (100°C)	15	min	
Post Cure Time (100°C)	16	hr	

Additional Information	
Durometer Hardness, ASTM D2240, Shore D: 68 to 73Die C Tear, ASTM D1004: 976 pliAverage Split Tear, ASTM D1938: 319 pliStoichiometry Curative Level: 95%Mix Temperature:	
Andur 70-DP: 180-212°F	
Curene 442: 250°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