Andur 7003 AP-F/Curene® 89-LC

Polyurethane (Polyether, TDI)

Anderson Development Company

Message:

Andur 7003AP-F is a polyether (PPG) based liquid, toluene diisocyanate terminated prepolymer. A water-white clear elastomer with a hardness of 70 Shore A is obtained when this prepolymer is cured with Curene 89-LC. Elastomers of lower hardness can be obtained through the use of plasticizers.

General Information			
Forms	Liquid		
Hardness	**Nominal Value**		**Test Method**
Durometer Hardness (Shore A)	70		ASTM D2240
Elastomers	**Nominal Value**	**Unit**	**Test Method**
Tensile Stress			ASTM D412
100% strain	3.17	MPa	ASTM D412
300% strain	4.83	MPa	ASTM D412
Tensile Strength (Yield)	22.8	MPa	ASTM D412
Tensile Elongation (Break)	730	%	ASTM D412
Bayshore Resilience	73	%	ASTM D2632
Thermoset	**Nominal Value**	**Unit**	
Pot Life	0.75 - 1.0	min	
Demold Time (100°C)	8.0	min	
Additional Information			
Durometer Hardness, ASTM D2240, Shore A: 69 to 71Die C Tear, ASTM D1004: 220 pliAverage Split Tear, ASTM D1938: 92 pliStoichiometry Curative Level: 97%Mix Temperature: Andur 7003 AP-F: 110-160°F Curene 89-LC: 72°F			
Injection	**Nominal Value**	**Unit**	
Mold Temperature	22.2 - 100	°C	

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


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