

Andur AL 90 AP/Curene® 89

Polyurethane (Polyether, Aliphatic)

Anderson Development Company

Message:

Andur AL 90 AP is a polyether (PTMG) based prepolymer terminated with an aliphatic isocyanate to improve color stability, hydrolytic stability, and give longer pot life.

General Information			
Features	Good color stability		
	Hydrolysis stability		
	aliphatic		
Forms	Liquid		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore D)	94		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% strain	7.65	MPa	ASTM D412
300% strain	23.7	MPa	ASTM D412
Tensile Strength (Yield)	40.7	MPa	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Bayshore Resilience	50	%	ASTM D2632
Thermoset	Nominal Value	Unit	
Pot Life	3.5 - 4.5	min	
Demold Time (100°C)	20	min	
Post Cure Time (100°C)	16	hr	
Additional Information			

Durometer Hardness, ASTM D2240, Shore D: 92 to 95Die C Tear, ASTM D1004: 260 pliAverage Split Tear, ASTM D1938: 69 pliStoichiometry Curative Level: 95%Mix Temperature:
Andur AL 90 AP: 180-210°F
Curene 89: 72°F

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