

# Andur AL 70 DP/Curene® 110

Polyurethane (Polyether, Aliphatic)

Anderson Development Company

Message:

Andur AL70DP 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		
Physical	Nominal Value	Unit	Test Method
Density	1.10	g/cm <sup>3</sup>	ASTM D1505
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	86		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	24.6	MPa	ASTM D412
Tensile Strength (Yield)	46.2	MPa	ASTM D412
Tensile Elongation (Break)	280	%	ASTM D412
Compression Set	70	%	ASTM D395B
Bayshore Resilience	45 - 50	%	ASTM D2632
Thermoset	Nominal Value	Unit	
Pot Life	3.5	min	
Demold Time (100°C)	30	min	
Post Cure Time			
21°C	72	hr	
100°C	16	hr	
Additional Information			

Durometer Hardness, ASTM D2240, Shore D: 64 to 68Die C Tear, ASTM D1004: 650 pliAverage Split Tear, ASTM D1938: 200 pliStoichiometry Curative Level: 95%Mix Temperature:  
Andur AL 70 DP: 212°F  
Curene 110: 70°F

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