

Andur AL 80-5 AP/Curene® 111

Polyurethane (Polyether, Aliphatic)

Anderson Development Company

Message:

Andur AL80-5AP 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 A)	82		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% strain	5.45	MPa	ASTM D412
300% strain	15.8	MPa	ASTM D412
Tensile Strength (Yield)	35.7	MPa	ASTM D412
Tensile Elongation (Break)	400	%	ASTM D412
Compression Set	55	%	ASTM D395B
Bayshore Resilience	40	%	ASTM D2632
Thermoset	Nominal Value	Unit	
Pot Life	7.0	min	
Demold Time (100°C)	30	min	
Post Cure Time			
21°C	72	hr	
100°C	16	hr	
Additional Information			

Die C Tear, ASTM D1004: 290 pliAverage Split Tear, ASTM D1938: 75 pliStoichiometry Curative Level: 95%Mix Temperature:
Andur AL 80-5 AP: 158°F
Curene 111: 72°F

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