

# Andur M-8700 AP (1,4BD)

Polyurethane (MDI)

Anderson Development Company

## Message:

Andur M-8700 AP is an MDI-polyether prepolymer that, when processed with 1,4 butanediol produces high quality 85 Shore A elastomers. Harder or softer elastomers can be cast through the use of other curatives and/or plasticizers.

General Information			
Forms	Liquid		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	85		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% strain	6.83	MPa	ASTM D412
300% strain	19.0	MPa	ASTM D412
Tensile Strength (Yield)	34.5	MPa	ASTM D412
Tensile Elongation (Break)	410	%	ASTM D412
Compression Set	45	%	ASTM D395
Bayshore Resilience	20	%	ASTM D2632
Thermoset	Nominal Value	Unit	
Pot Life	5.0	min	
Demold Time	45	min	
Additional Information			
Die C Tear, ASTM D1004: 360 pliAverage Split Tear, ASTM D1938: 90 pliParts of curative per 100 parts Andur M-8700 AP, 95% stoic, 8.75% NCO: 8.91 parts by weightParts of curative per 100 parts Andur M-8700 AP, 95% stoic, 8.8% NCO: 8.96 parts by weightParts of curative per 100 parts Andur M-8700 AP, 95% stoic, 8.85% NCO: 9.01 parts by weightParts of curative per 100 parts Andur M-8700 AP, 95% stoic, 8.90% NCO: 9.06 parts by weightParts of curative per 100 parts Andur M-8700 AP, 95% stoic, 8.95% NCO: 9.11 parts by weightParts of curative per 100 parts Andur M-8700 AP, 95% stoic, 9% NCO: 9.16 parts by weightParts of curative per 100 parts Andur M-8700 AP, 95% stoic, 9.05% NCO: 9.21 parts by weightParts of curative per 100 parts Andur M-8700 AP, 95% stoic, 9.1% NCO: 9.26 parts by weightParts of curative per 100 parts Andur M-8700 AP, 95% stoic, 9.15% NCO: 9.31 parts by weightParts of curative per 100 parts Andur M-8700 AP, 95% stoic, 9.2% NCO: 9.36 parts by weightParts of curative per 100 parts Andur M-8700 AP, 95% stoic, 9.24% NCO: 9.41 parts by weightMix Temperature: Andur M-8700 AP: 176-194°F Curative 1,4BD: 77-158°F			
Injection	Nominal Value	Unit	
Mold Temperature	90.0 - 110	°C	

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