

Andur M-62 (1,4BD)

Polyurethane (Polyester, MDI)
Anderson Development Company

Message:

Andur M-62 is an MDI-polyester prepolymer that, when processed with 1,4 butanediol produces high quality 95 Shore A elastomers. Harder or softer elastomers can be cast through the use of other curatives and/or plasticizers.

General Information			
Features	Compliance of Food Exposure		
Agency Ratings	FDA 21 CFR 177.1680		
	FDA 21 CFR 177.2600		
Forms	Liquid		
Hardness	Nominal Value		Test Method
Durometer Hardness (Shore A)	95		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% strain	10.7	MPa	ASTM D412
300% strain	15.0	MPa	ASTM D412
Tensile Strength (Yield)	47.6	MPa	ASTM D412
Tensile Elongation (Break)	480	%	ASTM D412
Compression Set	29	%	ASTM D395
Bayshore Resilience	40	%	ASTM D2632
Thermoset	Nominal Value	Unit	
Pot Life	2.5 - 3.3	min	
Demold Time	15 - 20	min	
Additional Information			
Die C Tear, ASTM D1004: 600 pliAverage Split Tear, ASTM D1938: 520 pliParts of curative per 100 parts Andur M-62, 95% stoic, 6.3% NCO: 6.42 parts by weightParts of curative per 100 parts Andur M-62, 95% stoic, 6.35% NCO: 6.47 parts by weightParts of curative per 100 parts Andur M-62, 95% stoic, 6.4% NCO: 6.52 parts by weightParts of curative per 100 parts Andur M-62, 95% stoic, 6.45% NCO: 6.57 parts by weightParts of curative per 100 parts Andur M-62, 95% stoic, 6.5% NCO: 6.62 parts by weightParts of curative per 100 parts Andur M-62, 95% stoic, 6.55% NCO: 6.68 parts by weightParts of curative per 100 parts Andur M-62, 95% stoic, 6.6% NCO: 6.73 parts by weightMix Temperature: Andur M-62: 194°F Curative 1,4BD: 77-158°F			
Injection	Nominal Value	Unit	
Mold Temperature	105 - 120	°C	

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