

# Andur M-95 AS/Curative

Polyurethane (MDI)  
Anderson Development Company

Message:

Andur M-95 AS is a custom formulated MDI based polyurethane elastomer system. It is designed as a low cost, easily processed candidate for use in dunnage applications. M-95 AS is a two component, 1:1 ratio (weight) system that can be processed at room temperature and yields a 95 Shore A elastomer. The system needs no post cure and contains no TDI.

General Information			
Features	Workability, good		
Forms	Liquid		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.980	g/cm <sup>3</sup>	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness			ASTM D2240
Shaw A	96		ASTM D2240
Shaw D	58		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Compressive Strength			ASTM D695
5% strain	2.10	MPa	ASTM D695
10% strain	6.34	MPa	ASTM D695
15% strain	9.84	MPa	ASTM D695
25% strain	12.8	MPa	ASTM D695
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress			ASTM D412
100% strain	13.8	MPa	ASTM D412
300% strain	26.2	MPa	ASTM D412
Tensile Strength (Yield)	31.7	MPa	ASTM D412
Tensile Elongation (Break)	430	%	ASTM D412
Thermoset	Nominal Value	Unit	Test Method
Thermoset Mix Viscosity (21°C)	500	cP	ASTM D2393
Additional Information			

Freezing Point: 72 °FDurometer Hardness, ASTM D2240, Shore A: 95 to 97Durometer Hardness, ASTM D2240, Shore D: 55 to 60Die C Tear, ASTM D1004: 690 pliAverage Split Tear, ASTM D1938: 490 pliMixing Ratio: 1 to 1

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