



**High Performance Urethane
For
“Can’t Fail” Applications**

POLYURETHANE ST-3256-95

POLYMER: Polyether Aromatic Polyurethane

DESCRIPTION: ST3256-95 is 95 shore A polyether polyurethane. The base polymer contains an UV stabilizer to provide enhanced UV resistance. It also has excellent heat resistance as a thermoplastic polyurethane film. Note: Test specimens are prepared from a 0.0027” thick film.

GENERAL PROPERTIES

	Specifications	Units	Values
Durometer:	D2240		95A
Specific Gravity:	D792		1.15
Thermal Properties:			
Maximum Service Temperature			
-continuous		°F °C	-13° to 221° -25° to 105°
-melting point range		°F °C	365° to 410° 185° to 210°
Tensile Properties:	D638		
Modulus @ 100% strain		psi	1500
Modulus @ 300% strain		psi	3200
Modulus @ break		psi	7000
Modulus of elasticity up To 10% strain		Psi	N/A
Elongation @ break		%	350
Set @ break		%	15
Tear Properties:			
Die C	D624	pli	550

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