



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

ST-1882 POLYETHER, POLYURETHANE

POLYMER: Polyether Aromatic Polyurethane

DESCRIPTION: An 82 shore A aromatic polyether polyurethane formulated for excellent modulus of elasticity resulting in soft and very pliable hand. Prolonged UV exposure should be avoided.

GENERAL PROPERTIES

	Specifications	Units	Values
Durometer:	D2240		82A
Specific Gravity:	D792		1.14
Thermal Properties:			
Maximum Service Temperatures,			
-continuous		F C	-65 to 175 -54 to 79
-melting point range		F C	284 to 330 143 to 166
Tensile Properties:	D638		
Modulus @ 100% strain		psi	1000
Modulus @ 300% strain		psi	1500
Modulus @ break		psi	4000
Modulus of elasticity up to 10% strain		psi	N/A
Elongation @ break		%	350
Set @ break		%	N/A
Tear Properties:			
Die C	D624	pli	450