



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

ST-2592 POLYETHER POLYURETHANE

POLYMER: Polyether Aromatic Polyurethane

DESCRIPTION: ST-2592 is a 90 shore A polyether polyurethane. ST-2592 has enhanced UV resistance and excellent general properties. The heat sealing properties are also excellent for this TPU.

GENERAL PROPERTIES

	Specifications	Units	Values
Durometer:	D2240		90A
Specific Gravity:	D792		1.125
Thermal Properties:			
Maximum Service Temperatures,			
-continuous		F C	-60 to 200 -51 to 93
-melting point range		F C	345 to 385 174 to 196
Tensile Properties:	D638		
Modulus @ 100% strain		psi	1300
Modulus @ 300% strain		psi	2600
Modulus @ break		psi	7500
Modulus of elasticity up to 10% strain		psi	N/A
Elongation @ break		%	375
Set @ break		%	18
Tear Properties:			
Die C	D624	pli	500