



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

**STEVENS POLYURETHANE SS-2080-85**

**POLYMER:** Polyester Aromatic Polyurethane

**DESCRIPTION:** SS-2080-85 is an 85 shore A polyester polyurethane. SS-2080-85 has excellent chemical resistance and is a possible candidate for food grade applications.

**GENERAL PROPERTIES**

	<b>Specifications</b>	<b>Units</b>	<b>Values</b>
<b>Durometer:</b>	<b>D2240</b>		<b>85A</b>
<b>Specific Gravity:</b>	<b>D792</b>		<b>1.20</b>
<b>Thermal Properties:</b>			
Maximum Service Temperatures,			
-continuous		<b>F</b> <b>C</b>	<b>-40 to 225</b> <b>-40 to 107</b>
-melting point range		<b>F</b> <b>C</b>	<b>359 to 399</b> <b>182 to 204</b>
<b>Tensile Properties:</b>	<b>D638</b>		
Modulus @ 100% strain		psi	<b>800</b>
Modulus @ 300% strain		psi	<b>1800</b>
Modulus @ break		psi	<b>7000</b>
Modulus of elasticity up to 10% strain		psi	<b>30</b>
Elongation @ break		%	<b>400</b>
Set @ break		%	<b>30</b>
<b>Tear Properties:</b>			
Die C	<b>D624</b>	pli	<b>425</b>