



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

**SS-1485/SS-2080 DATA SHEET**

**POLYMER: Ester-Based Thermoplastic Polyurethanes**

**GENERAL PROPERTIES**

	Specifications	Units	Values
<b>Durometer:</b>	<b>D2240</b>		<b>85 A +/- 5</b>
<b>Specific Gravity:</b>	<b>D792</b>		<b>1.20</b>
<b>Thermal Properties:</b>			
Maximum Service Temperatures,			
-continuous		<b>F C</b>	<b>-40 to +225 -4 to +107</b>
-melting point range		<b>F C</b>	<b>360 to 400 182 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>