



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

**POLYURETHANE ST-3382-83**

**POLYMER:** Polyether Aromatic Polyurethane

**DESCRIPTION:** ST3382-83 is an 83 shore A polyether polyurethane with good melt flow properties.

**GENERAL PROPERTIES**

	<b>Specifications</b>	<b>Units</b>	<b>Values</b>
<b>Durometer:</b>	<b>D2240</b>		<b>83A</b>
<b>Specific Gravity:</b>	<b>D792</b>		<b>1.10</b>
<b>Thermal Properties:</b>			
Maximum Service Temperature			
-melting point range		°F °C	<b>302° to 356° 150° to 180°</b>
<b>Tensile Properties:</b>	<b>D638</b>		
Modulus @ 100% strain		<b>psi</b>	<b>1000</b>
Modulus @ 300% strain		<b>psi</b>	<b>1650</b>
Modulus @ break		<b>psi</b>	<b>7500</b>
Modulus of elasticity up To 10% strain		<b>Psi</b>	<b>N/A</b>
Elongation @ break		<b>%</b>	<b>525</b>
Set @ break		<b>%</b>	<b>20</b>
<b>Tear Properties:</b>			
Die C	<b>D624</b>	<b>pli</b>	<b>440</b>

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