



O-Ring Division  
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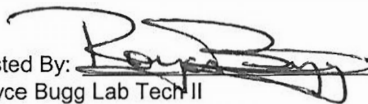
Date: 4/26/2012  
Compound: S0613  
Batch: 0031003547  
Part Size: T0606075  
Customer Part: NA  
Part Revision Level: NA  
Specification: A-A-59588A  
Revision Level: 7 July 2005  
Customer: NA  
Test Lab Location: Lexington  
LTR: 87003  
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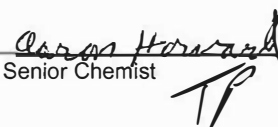
## LABORATORY TEST REPORT

Class 2B

| <u>Original Physical Properties</u>   | <u>Test Method</u> | <u>Spec Limits</u> | <u>Test Results</u> |
|---|--------------------|--------------------|---------------------|
| Hardness, Shore A, pts.   | ASTM D2240         | 60±5               | 56                  |
| Tensile Strength, psi, min  | ASTM D412          | 650                | 1057                |
| Ultimate Elongation, %, min   | ASTM D412          | 100                | 300                 |
| Specific Gravity, +/- 0.03  | ASTM D297          | 1.47               | 1.50                |
| <br>  |                    |                    |                     |
| <b><u>Compression Set</u></b><br><b><u>70 hrs. @ 150°C</u></b>                    |                    |                    |                     |
| Percent of Original Deflection, max   | ASTM D395 Method B | 25                 | 18                  |
| <br>  |                    |                    |                     |
| <b><u>Dry Heat Resistance</u></b><br><b><u>70 hrs. @ 225°C</u></b>                |                    |                    |                     |
| Hardness Change, pts.   | ASTM D573          | ±10                | +5                  |
| Tensile Change, %   |                    | -20                | -3                  |
| Elongation Change, %  |                    | -40                | -18                 |
| <br>  |                    |                    |                     |
| <b><u>Fluid Immersion</u></b><br><b><u>Distilled Water, (70 hrs. @ 100°C)</u></b> |                    |                    |                     |
| Volume Change, %  | ASTM D471          | +5                 | 0                   |
| <br>  |                    |                    |                     |
| <b><u>Low Temperature Brittleness</u></b>   |                    |                    |                     |
| Nonbrittle after 3 min. @ -62.2°C   | ASTM D2137         | Pass               | Pass                |

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"The recording of false, fictitious, or fraudulent statements or entries on this report may be punishable as a felony under federal law."

Tested By:   
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