



P.O. Box 1249, 252 Brighton Rd.  
Andover, New Jersey, 07821  
Phone: 973.786-5000 Fax: 973.786-5546

## Summary of Results

<b>Applicable Specifications :</b>	MIL-DTL-83528 Rev E Type B	<b>Material:</b>	Silver Plated Aluminum Filled Silicone	<b>Date:</b>	08/03/15
		<b>Batch # :</b>	08031518651	<b>Cure Date :</b>	3Q15

<b>Property</b>	<i>Actual</i>	<i>Actual</i>	<i>Actual</i>	<i>Required</i>
-----------------	---------------	---------------	---------------	-----------------

### Basic Physicals

Durometer, Shore A	69	69	69	58/72
Tensile, Die C, psi	209	225	212	200 min
Tear Strength, ppi	46.94	45.20	44.97	30 min
Elongation, %	227.63	133.85	116.54	100/300
Volume Resistivity, ohm-cm	0.0032	0.0028	0.0034	.008 max
Heat Age Test, ohm-cm	0.0033	0.0031	0.0028	.01 max
Electrical Stability, ohm-cm	0.0048	0.0050	0.0055	.015 max
Specific Gravity	1.98			

### Compression Set 70 Hrs. @ 100C

% Deflection	15.45	17.60	17.74	32 max
--------------	-------	-------	-------	--------

### Supplemental Data

Manufactured in USA

Prepared By: Jessica Alfaro  
Jessica Alfaro  
Project Technician

Approved By: Lansine Sako  
Lansine Sako  
Laboratory Manager