



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

Summary of Results

Applicable Specifications :	MIL-DTL-83528 Rev G Type B	Material:	Silver Plated Aluminum Filled Silicone	Date:	04/10/17
		Batch # :	04101718651	Cure Date :	2Q17

Property	<i>Actual</i>	<i>Actual</i>	<i>Actual</i>	<i>Required</i>
Basic Physicals				
Durometer, Shore A	70	69	70	58/72
Tensile, Die C, psi	270	269	271	200 min
Tear Strength, ppi	47.71	44.98	46.79	30 min
Elongation, %	169.65	243.191	169.455	100/300
Volume Resistivity, ohm-cm	0.0040	0.0030	0.0039	.008 max
Heat Age Test, ohm-cm	0.0064	0.0053	0.0053	.01 max
Electrical Stability, ohm-cm	0.0034	0.0034	0.0036	.015 max
Specific Gravity	1.96			

Compression Set 70 Hrs. @ 100C

% Deflection	11.20	12.90	13.60	32 max
--------------	-------	-------	-------	--------

Supplemental Data

Manufactured in USA

Prepared By: Kimberly Calandrello

Kimberly Calandrello
Project technician

Approved By: Lansine Sako
Lansine Sako
Laboratory Manager