

SAF-T-EZE[®]

TDS-DIC

Di-Electric Silicone Compound

Technical Data Sheet

GENERAL INFORMATION: *SAF-T-EZE Di-Electric Silicone Compound* is a silicone fluid thickened with inert silica filler that exhibits superior di-electric properties as well as high temperature stability to as high as 450°F for intermittent use. This grease has been compounded to be non-melting, moisture resistant, and low volatile .

SAF-T-EZE Di-Electric Compound is odorless and provides excellent oxidation and chemical resistance.

PHYSICAL PROPERTIES:

Color	White Translucent
NLGI	2
Melt Point	None
Penetration @ 77 °F:	
Unworked	250
Specific Gravity	1

ELECTRICAL PROPERTIES:

Di-Electric Constant	
at 100 Hz	2.90
at 100 KHz	2.90
Dissipation Factor	
at 100 Hz	.0006
at 100 KHz	.0006
Di-Electric Strength, volts/mil	
50 mil gap	400
Volume Resistivity, ohm-cm	
at 73°F (23°C)	1x10 ¹⁵
at 350°F (177°C)	1x10 ¹²
Arc Resistance, seconds	120

Primary uses include release and parting agent, electrical insulator and sealant, rubber and plastic lubricant or protective coating and valve lubricant.

This compound is not to be used with liquid oxygen or in applications requiring liquid oxygen compatability.

IMPORTANT NOTICE: All statements and technical data contained herein are based on tests we believe to be reliable, but the accuracy of completeness thereof is not guaranteed. It is recommended that the buyer test this product to determine its suitability for his application before use. *SAF-T-EZE Div., STL Compound Corporation* is not responsible for loss, claim or damages resulting from use of its products.