



PRODUCT DESCRIPTION

Solution 70 is a silicone dielectric compound whose dielectric and lubricitous properties facilitate and improve tune-ups. The compound prevents voltage leakage around any electrical connector thereby insuring a strong spark in high energy automotive ignition systems. The compound is an excellent lubricant on rubber, plastic and ceramic surfaces and it also has good high temperature properties, thus preventing fusing of spark plug boots to the spark plug. It will make installation of the boots easier.

PHYSICAL PROPERTIES OF MATERIAL

	TYPICAL VALUE
CHEMICAL TYPE	Silicone dielectric compound
APPEARANCE	Slightly translucent white
SPECIFIC GRAVITY	1.03
FLASH POINT, TCC (°F)	>200
TEMPERATURE RANGE	-65 to 400 (-54 to 204)
WATER WASHOUT ASTM D 1264	<1.0%
DIELECTRIC CONSTANT @ 23C ASTM D-150	$K^1 = 3.15$
DISSIPATION FACTOR @ 23C ASTM D-150	0.0003
VOLUME RESISTIVITY @23C ASTM D-257	5.67×10^{13} ohm-cm
BREAKDOWN VOLTAGE OF GREASE PER MIL-S-8660C ASTM D-149	1108 volts/mil

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected for use with chlorine or other strong oxidizing materials.