

# Novagard® G665

## Specification Data



### DESCRIPTION

Novagard G665 is a soft, grease-like material formulated with select polydimethyl siloxane fluids in combination with inert, amorphous silica fillers. Novagard G665 is an extremely soft, non-melting silicone compound with good resistance to water and most chemicals.

### APPLICATIONS

Novagard G665 is a custom-formulated compound, which is most frequently used as a lubricant in electrical services; however, the material's applications could range beyond electrical services to valve and O-ring lubrication in small, hydraulic piston assemblies and sealing and corrosion protection.

### RESTRICTIONS

Do not use in or around highly oxidative chemicals such as liquid oxygen or peroxides. Not recommended for surfaces that are to be painted.

### AVAILABILITY

Novagard G665 is available in small custom packets, 1 gallon pails, 5 gallon pails, and 55 gallon drums.

### STORAGE

Novagard G665 has a shelf-life of sixty (60) months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened container at, or below, 100°F.

### PRECAUTIONS

Silicone greases may be cleaned with non-polar solvents such as toluene, hexane, and mineral spirits. Whenever using solvents be certain to observe all proper, safety precautions. Not for application on surfaces that are to be painted

Consult and obey all applicable local, state, and federal regulations for disposal of solvent and silicone waste. For additional information consult product S.D.S.

### PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Translucent
Penetration (unworked)	ASTM D217	380 - 400
Penetration (worked 60x)	ASTM D217	380 - 420

### TYPICAL PROPERTIES\*

Physical Property	Test Method	Typical Value
Volume Resistivity	ASTM D257	$4.0 \times 10^{14} \Omega/\text{cm}$
Dielectric Constant	ASTM D150	4.81
Dielectric Strength 10 mil gap	ASTM D149	800 v/mil

\*The values outlined reflect testing that was conducted under laboratory conditions, actual results may vary. The information provided in the above table is not intended for use in preparing specifications. Please consult manufacturer for additional information.

### ADDITIONAL INFORMATION

Novagard believes that the information provided is a true and accurate description of the typical characteristics of the aforementioned product; however, it is the responsibility of the individual user to thoroughly test the product in their specific application to determine performance, efficacy, and safety.