

NOVAGARD[®]

SILICONES

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. 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 eighteen (18) months from the date of manufacture, as indicated by the lot number, when stored in the original, unopened container at, or below, 100°F.

PRODUCT SPECIFICATIONS

Physical Property	Test Method	Performance Range
Appearance		Translucent
Penetration (unworked)	ASTM D 217	380 – 400
Penetration (worked 60x)	ASTM D 217	380 - 420

*The values outlined reflect testing that was conducted on laboratory prepared specimens, 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.

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 M.S.D.S.

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.

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Volume Resistivity	ASTM D 257	4.0 X 10 ¹⁴ Ω-cm
Dielectric Constant	ASTM D 150	4.81
Dielectric Strength 10 mil gap	ASTM D 149	800 v/mil

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Form Name
10-D3-G665

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