

Novagard® G623

Specification Data



DESCRIPTION

Novagard G623 is a grease-like material formulated with select polydimethyl siloxane fluids in combination with inert, amorphous silica fillers. It is useful as a general purpose, water repellent coating or sealant to prevent corrosion. Similar in many aspects to Novagard G624.

APPLICATIONS

Novagard G623 is a general-purpose compound that is formulated specifically for use as a water repellent coating to prevent corrosion, especially in critical applications that require good dielectric properties. Novagard G623 offers superior corrosion protection to many metal substrates. It has proven compatibility with a wide range of plastics and elastomeric materials.

RESTRICTIONS

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

AVAILABILITY

Novagard G623 is available in 5.3 ounce tubes, 1 gallon pails, 5 gallon pails, and 55 gallon drums.

STORAGE

Novagard G623 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.

Upon prolonged storage, it is normal for a small amount of fluid bleed to appear on the surface of the grease. This condition is not detrimental to the performance and the fluid is simply mixed back into the suspension.

PRECAUTIONS

Silicone compounds 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.

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 Paste
Penetration (worked 60X)	ASTM D217	200 - 300
Bleed	200°C/24 hours	8.0% maximum
Evaporation	200°C/24 hours	3.0% maximum

TYPICAL PROPERTIES*

Physical Property	Test Method	Typical Value
Specific Gravity		1.02 – 1.06
Dissipation Factor	ASTM D150	0.002
Dielectric Constant	ASTM D150	2.7 (@ 1Khz)

*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.