

Technical Data Sheet

PR6601

Fluorosilicone Grease

FEATURES

- Provides superior resistance to most chemicals
- Good load carrying ability
- Effective in high temperatures
- Compatible with most gaskets and seal materials
- Resistant to washout by water, fuels, oils and solvents

COMPOSITION

- Fluorosilicone
- Fluorinated polymers

APPLICATIONS

- Needle bearings in circuit breakers
- Chemical mixers
- Pumps
- Processing equipment
- Fuel and solvent-handling equipment
- Sealed-for-life bearings designed for high speeds, heavy loads, and high as well as low temperatures

PR6601 Fluorosilicone Grease is a fluorosilicone based grease thickened with fluorinated polymers. It is an exceptional anti-friction bearing lubricant designed especially for applications subject to a wide range of temperatures, loads and speeds. It performs well in bearings exposed to harsh chemicals or solvents, bearings used at high speeds and bearings subjected to heavy loads. Protects well in harsh environments where solvents may attack or destroy the lubricant.

TYPICAL PROPERTIES

The values reported on this sheet should not solely be used for preparing specifications on this product. Please contact PremierRepak, Inc. for assistance in preparing a specification.

Property	Test Method	Typical Value
Color	Visual	White
Base Oil		Flourosilicone
Thickener		Flourinated polymers
NLGI Grade		#2
Specific Gravity @25°C		1.44
Bleed (150°C /24hrs)		2.7%
Evaporation, (150°C /24hrs)		3.7%
Penetration, worked x 60	ASTM D 217	275
Dropping Point	ASTM D 2265	>536°F (>280°C)
Water Washout, at 80°C	ASTM D 1264	0.3%
Service Temperature		-31 to 232°C -20 to 450°F
Low Temp Torque at -40°C starting	ASTM D 1478	4,000

LIMITATIONS

PR6601 should not be applied to surfaces that will be painted. It is not recommended for use with highly oxidative chemicals such as liquid Cl₂ or liquid O₂. These greases are soluble in ketones such as acetone, methyl ethyl ketone and methyl isobutyl ketone. This product is not tested, nor approved for medical or pharmaceutical uses.

PACKAGING

PR6601 is available in 85g tubes; 550g grease cartridges; 4.5kg pails and 18.1kg pails.

Special packaging and private labeling available upon request.