

# Technical Data Sheet

## PR6611

**PREMIERREPAK**

Silicone Sealants • Silicone Compounds • Silicone Greases  
Anti-Seize Pastes • Aerosol Lubricants • Silicone Fluids  
Contract Packaging • Private Label • Turnkey Packaging

### Extreme High Temperature Silicone Grease

#### FEATURES

- High Temperature stability with service range -17° to 260°C (0° to 500°F)
- Non-melting
- Good water and washout resistance
- High oxidation resistance

#### COMPOSITION

- Silicone oil
- Carbon black
- Corrosion inhibitors

#### APPLICATIONS

*PR6611* was designed to lubricate ball bearings operating under light to moderate loads. Typical applications include:

- Antifriction bearings of high-temperature equipment
- Oven conveyor bearings
- Wheel Bearings of core oven carts
- Governor linkage of steam turbines
- Knife-type electric power disconnect switches
- Ball and socket connections of power insulators
- Aircraft turbine engines

*PR6611 Extreme High Temperature Silicone Grease* is formulated with a silicone lubricating oil and carbon black thickener. It is available in light and medium consistencies. *PR6611* was designed to lubricate ball bearings operating under light to moderate loads with a wide service temperature range. When operating at extremely high temperatures, bearings need to be monitored frequently to ensure grease has not dried out.

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	Black
Base Oil		Silicone
Thickener		Carbon Black
NLGI Grade	ASTM D 217	#2
Specific Gravity at 25°C	DIN 51 817	1.14g/cm <sup>3</sup>
Bleed%, (149°C /24hrs)	CTM	4.8%
Evaporation%, (149°C /24hrs)	CTM	2.5%
Penetration	ASTM D 217	280
Dropping Point	ASTM D 2265	>570(300°C)
Four Ball Weld Load		N/A
Max Dn Value		75,000
Service Temperature Range		0 – 500°F (-17 – 260°C)

CTM: Corporate Test Method, copies of CTMs are available on request.

#### LIMITATIONS

*PR6611* should not be applied to surfaces that are to be painted or used with highly loaded ferrous metal bearing combinations, especially where sliding friction is encountered. When kept in unopened container, it has a shelf life of 60 months from date of manufacture. Is not approved for medical or pharmaceutical applications

#### PACKAGING

*PR6611* is available in 150g tubes; 400g grease cartridges; 3.6kg pails and 18.1kg pails.

*Special packaging and private labeling is available upon request.*

#### TYPICAL PROPERTIES

**PREMIERREPAK**

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