

**Technical Data Sheet**  
**PR6701**  
**Polyurea Grease**

**PREMIERREPAK**

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

**Lubricating Grease**

**PR6701 Polyurea Grease** is an NLGI No. 2 polyurea thickened grease specifically designed for high-speed ball and roller bearing lubrication in alternators, generators, starters, electric motors and other long-life applications. PR6701 Polyurea Grease does not contain extreme pressure additives to meet the requirements of many electric motor bearing manufacturers, but is inhibited against rust and oxidation.

**Product Specifications - Typical**

NLGI Grade		2
Color		Dark Blue
Appearance		Smooth
Thickener Type		Polyurea
Thickener Content		12-14%
Penetration, Worked 60 Strokes	ASTM D 217	265-295
Roll Stability	ASTM D 1831	Less than 2%
Dropping Point	ASTM D 2265	500°F (260°C)
Oxidation Stability, psi loss 100 hours	ASTM D 942	5
Four-Ball Wear, Scar diameter	ASTM D 2266	0.4 mm
Timken OK Load	ASTM D 2509	45 lb.
Corrosion Protection	ASTM D 1743	Pass
EMCOR Corrosion, (10 % Synthetic Seawater)	ASTM D 6138	0,0
Water Washout, 175°F (79°C)	ASTM D 1264	< 5
Water Washout, 100°F (38°C)		< 2
Base Oil Characteristics	ASTM D 445	
Viscosity, 100°C		9-13
Viscosity, 40°C		100-120
Viscosity Index		95
Oil Separation	ASTM D 1742	.03%
Flash Point	ASTM D 92	255°C
Pour Point	ASTM D 97	15°C
Bearing Life, 350°F (177°C)	ASTM D 3336	> 750 hours

**Product Application / Usage**

PR6701 Polyurea Grease is ideally suited for use in applications where heavy metal additives are prohibited such as electric motor bearings.

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**PREMIERREPAK**  
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