

NanoCeramicMoldGrease

EXTREME PERFORMANCE LUBRICATING GREASE

The Science Behind NanoCeramicMoldGrease!

Part A

Nano Technology created ceramic particles act as sub-microscopic ball bearings that have an affinity or chemical attraction to steel, due to their crystalline molecular structure.

Part B

A fabricated over based calcium sulfonate thicker within a mid-viscosity petroleum based paste creates an extremely durable grease with extraordinary adhesion, and superior temperature, shear, pressure and anti-corrosion properties.

A+B

NanoCeramicMoldGrease combines nano-ceramic particles with the calcium sulfonate thickened high grade paste creating a super low coefficient of friction lubricant with unsurpassed resilience and superior staying power.

Specifications

- **Adhesion/Staying Power:** NanoCeramicMoldGrease remains at the surface longer, extending production up to 10x that of conventional greases, while reducing maintenance costs and down time.
- **Extreme Shear Stability:** NanoCeramicMoldGrease does not soften and run out of the application during use. After 100,000 production strokes NanoCeramicMoldGrease shows no evidence of breaking down.
- **Operating Temperatures:** -40°F to 800°F (ceramic particles remain intact above the decomposition temperature of the paste and can temporarily lubricate to 2,500°F.)
- **Corrosion Protection:** Sulfonate chemistry is a known corrosion and rust inhibitor. NanoCeramicMoldGrease resists water, steam, acid and most chemicals.
- **High Load Bearing Properties**
- **Pressure and Anti-Wear Protection:** Exceptional mechanical stability without the use of lead, antimony, chlorine, zinc, barium or other heavy metals, making NanoCeramicMoldGrease environmentally friendly.
- **NSF Food Grade Approved:** Chemically inert
- **Super Low Coefficient of Friction:** Lower than PTFE
- **High Dropping Point:** Viscosity is maintained across a wide temperature range. Returns to original viscosity after cooling.
- **Low Dielectric Constant:** NanoCeramicMoldGrease is an excellent insulator.
- **Does Not Contain PTFE or Silicone**

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Website: www.pcs-company.com - Online Ordering: www.buyatpcs.com - Email: hotrunners@pcs-company.com

NanoCeramicMoldGrease

EXTREME PERFORMANCE LUBRICATING GREASE

Plastic Injection & Die Cast Molding Applications

- Slides
- Angle Pins
- Leader Pins & Bushings
- Return Pins
- Lifter Rods
- Guided Ejector Systems
- Locks
- Molding Machinery
- Robotic Automation
- Auxiliary Equipment

PCS Part Number

NCG1001

NCG1000

Description

Case (12ea. 14oz. Tubes)

1ea. 14oz. Tube

PCS
COMPANY



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