

# Sheerplex® Technical Data

## Physical Characteristics

<b>Model Number</b>	<b>4082</b>
NLGI Grade	2
USDA / NSF Registered	H1
Texture	Smooth/Buttery
Thickener	Aluminum Complex
Color	Translucent
Dropping Point	480° F / 249°C
Penetration (Worked 60)	265-295
Flash Point (base oil)	420°F / 216°C
Pour Point (base oil)	-20°F / -29°C

## Performance Test Results

U.S. Steel Mobility of Grease @ 0°C	1.24g/sec
U.S. Steel Mobility of Grease @ -20°C	0.03g/sec
Bearing Corrosion Test ASTM D1743	Pass
Dynamic Bearing Corrosion Test ASTM D6138	No corrosion (0,0)
4-Ball Wear ASTM D2266 (40kgs/1200rpm/75°C)	0.56mm

**Note:** All characteristics and results listed above are typical values.

## Recommendations

- For applications in which incidental food contact may occur.
- Operating temperature range of -40°F to 400°F (-40°C to 204°C).

## Applications

- Bearings
- Conveyors
- Chains
- Slides
- Fillers
- Bottlers
- Cappers
- Seamers
- Closers
- Washdown areas
- Food packaging
- Meat and poultry processing
- Seafood processing
- Bakeries



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