

9.2 HIWIN G02 Low Particle-emitting Grease

• Features

- 1.Low dust generation, suitable for clean room environment.
- 2.Wear resistant.
- 3.Long term grease, suitable for wide temperature range.
- 4.Consists of synthetic hydrocarbon oil and special calcium soap. resistant to oxidation and aging.
- 5.Can be used in plastic/steel and plastic/plastic components, compatible with elastomers and plastic materials.

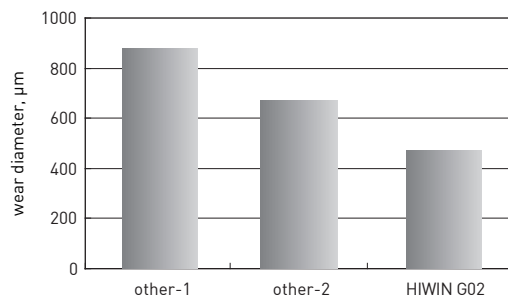
• Basic Properties

		HIWIN G02
Color		Beige
Base Oil		Synthetic hydrocarbon oil
Consistency Enhancer		Special calcium soap
Service Temp. [°C]		-30~140
NLGI-grade (0.1mm)		265-295
Viscosity (cst)	40°C	100
	100°C	15
Drop Point [°C]		>180
4-ball test (ASTM D2266)		474μ

	HIWIN G02	other	Note
Anti wear	●	▲	4-ball test (ASTM D2266) 46%more
Dust generation	●	▲	Dust generation of KK in clean room
Anti-Corrosion	●	●	
Service Temperature Range	-30~140	-30~120	

• 4-ball test(ASTM D2266)

	Wear Scar	Diameter (μm)
other-1		879
other-2		669
HIWIN G02		474



• Dust generation

