

Superlube 3.0 A

A lubricant designed for everyday applications

一款为日常应用服务的润滑剂



State of the Art Lubricants and Binders

Superlube 3.0 A is a versatile wax-based lubricant that is an ideal direct replacement for amide wax lubricants. It delivers extremely comparable performance to conventional lubricants.

Superlube 3.0 A 是一种多功能的蜡基润滑剂，是酰胺类蜡润滑剂的理想直接替代品。它的性能与传统的润滑剂极为相似。

	Superlube 3.0 A*	Amide Wax 白蜡*
Apparent Density (g/cm ³) 松装密度	2.99	3.01
Flow (Hall) (s/50g) 流速 (霍尔)	32	31
Green Strength (MPa) 生坯强度	12	11
Tonnage (MPa) 压力 @ 6.90 g/cc	469	455
Slide Ejection Force (kN) 滑块弹射力	6.9	7.1
Total Size Change (%) 总尺寸变化	0.40	0.38

Superlube 3.0 A has very similar properties to an amide wax, meaning it is a direct replacement of amide waxes without significant changes in production equipment or tooling specifications.

Superlube 3.0 A 有与酰胺蜡非常相似的特性，意味着它可以直接取代白蜡，且不需要对生产设备进行重大改变。

*Composition: Atomet 1001 + 2% Cu + 0.8% C + 0.55% lubricant

*成分：Atomet 1001 + 2% 铜 + 0.8% 石墨 + 0.55% 润滑剂

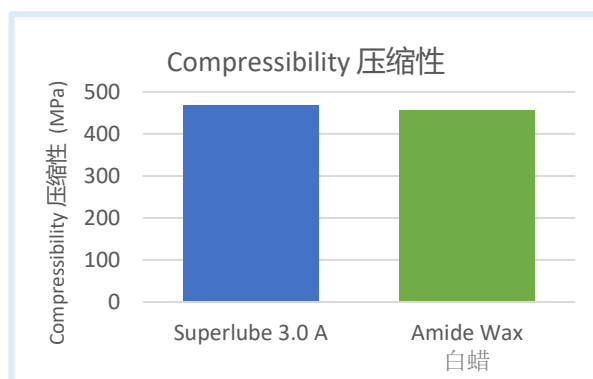
Particle Size Distribution 粒径分布			
	Superlube 3.0 A	Amide Wax 白蜡 (Powdered 粉末状)	Amide Wax 白蜡 (Atomized 雾化的)
Dv 10 (μm)	0.3	12.3	0.3
Dv 50 (μm)	10.1	29.2	6.5
Dv 90 (μm)	57.9	52.4	15.7

Benefits 优点

- ✓ 一比一替代白蜡
- ✓ 目标密度为 6.8 – 7.0 g/cc

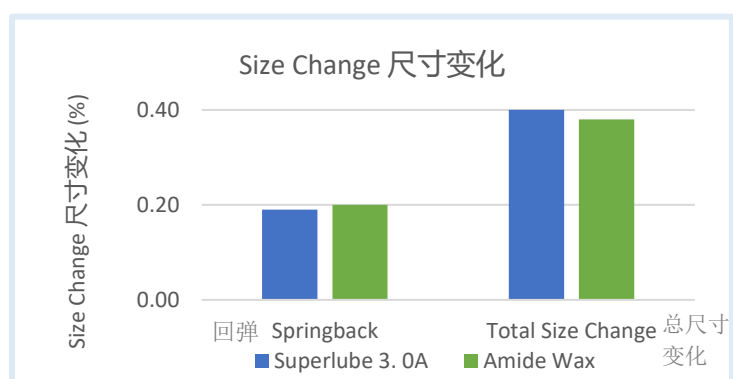
Best Uses 用途

- ✓ 传统粉末金属压制



Superlube 3.0 A and amide wax have similar compressibility at 6.90 g/cc.

在密度为 6.90 g/cc，Superlube 3.0 A 和酰胺蜡的可压缩性相似。



The spring back and total size change of Superlube 3.0 A are comparable with amide wax.

Superlube 3.0 A 的回弹和总尺寸变化与白蜡相当。