

# Superlube 3.0 PS

A lubricant designed for everyday applications

一款为常规应用服务的润滑剂



State of the Art Lubricants and Binders

Superlube 3.0 PS is a versatile wax-based lubricant that is an ideal replacement for Superlube PS 1000b, which is one of the old products developed by Apex. Superlube 3.0 PS delivers comparable performance, and it also eliminates the need for pre-blend graphite.

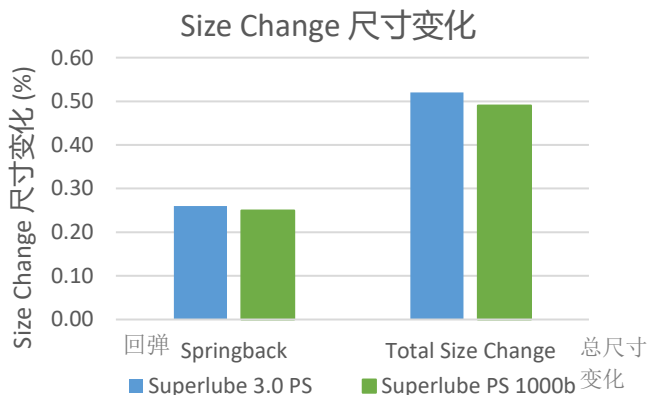
Superlube 3.0 PS作为一种多功能的蜡基润滑剂Superlube 3.0 PS是一款多功能的蜡基润滑剂，可以用来完美替代Apex的前代产品，例如Superlube PS 1000b。作为一款新产品，Superlube 3.0 PS的性能与过去的产品相似并且不再需要添加预混合石墨。

	Superlube 3.0 PS*	Superlube PS 1000b*
Apparent Density (g/cm <sup>3</sup> ) 松装密度	3.09	3.03
Flow (Hall) (s/50g) 流速 (霍尔)	30.92	32.79
Green Strength (MPa) 生坯强度	14.45	16.02
Green Density (g/cc) 生坯密度 @634 MPa	7.21	7.21
Slide Ejection Force (kN) 滑块弹射力	6.7	6.9
Total Size Change (%) 总尺寸变化	0.52	0.49

Superlube 3.0 PS has very similar properties to Superlube PS 1000b, which means it can directly replace the old product significant changes in production equipment or tooling specifications.

Superlube 3.0 PS 有与 Superlube PS 1000b 非常相似的特性，它可以直接取代旧产品，且无需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



Superlube 3.0 PS and Superlube PS 1000b have similar springback and total size change.

Superlube 3.0 PS的回弹和总尺寸变化与Superlube PS 1000b相当。

## Benefits 优点

- ✓ No need for pre-blend graphite therefore less shipping cost  
无需石墨混合物从而降低运输成本
- ✓ One-to-one replacement for Superlube PS 1000b  
一比一替代 Superlube PS 1000b
- ✓ Achieve target density as high as 7.3 g/cc  
生坯密度高达 7.3 g/cc

## Best Uses 用途

- ✓ Conventional compaction in powder metal industry without heated die  
无加热传统粉末金属压制

The powder flow of Superlube 3.0 PS is comparable with Superlube PS 1000b.

Superlube 3.0 PS 润滑剂粉末的流速和Superlube PS 1000b相似。

