# JIP Clean-Mix-LEX

Segregation-free iron powder reducing the ejection force

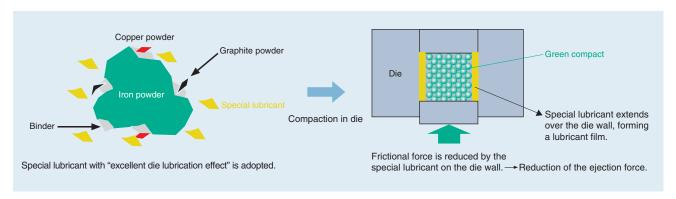




### JIP Clean-Mix-LEX

A special lubricant protects the die and green compact. By greatly reducing ejection force, JIP Clean-Mix-LEX enables compaction of large, complex shaped parts and long products.

## Design of Clean-Mix-LEX

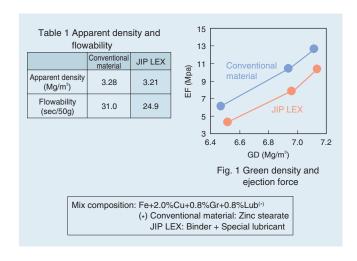


### **Features**

- Inproved flowability and die filling property In comparison with a conventional powder (zinc stearateadded powder), JIP Clean-Mix-LEX has excellent flowability and the same apparent density (Table 1).
  - → Allows reduction of die filling time.
  - → Realizes uniform filling in dies with complex shapes.
- 2 Low ejection force

In comparison with the conventional material, improves the ejection property during compaction (Fig. 1).

- → Reduces cracking of green compacts during ejection.
- → Contributes to longer die life.



## Applicable Automobile Parts

