

ABRIL 1071

An Outstanding Internal / External Lubricant

POWDER METALLURGY

Abril 1071 is highly suited to the production of sintered metal parts using the latest powder metallurgy technology. Its superior lubrication properties, high melting temperature and fine particle size enable the production of accurate parts with no inorganic residues after firing. Use of Abril 1071 confers the following benefits:

- ✓ **Even powder flow rates**
- ✓ **Improved cold flow characteristics for initial pressing**
- ✓ **Good green strength binding**
- ✓ **Excellent mould release**

The lubrication properties of Abril 1071 will benefit similar technology applied in the production of ferrites, ceramics and graphites. Abril 1071 is also an ideal lubricant for drawing stainless steel, steel alloys and copper.

Recent studies have shown Abril 1071 to be an excellent external lubricant for compaction of mineral powders providing excellent mould release properties.

Typical Properties

Melting point	140-145 °C
Acid Value	<10 mg KOH/g
Amine Value	<10 mg KOH/g
Specific Gravity	0.99 g/cc
Gardner Colour	5 maximum
Flash Point	300 °C
Thermal Stability	Up to 240 °C

Abril 1071 is supplied in the form of Extra Fine Powder