

### Nissin Chemical Industry Co., Ltd.

## Zinc Stearate Compact

This product is used in photoreceptors of multifunction printers as a lubricant and for preventing (protecting) against scratches.

#### **Benefits**

- 1. Has excellent uniform lubricating properties for photosensitive drum surfaces.
- 2. Prevents (protects) against scratches to photosensitive drums, resulting in a longer component life.
- 3. Improves the toner's peeling properties, which leads to sharper print quality.
- 4. Does not degrade the electrical properties of intermediate transfer belts.

# Features of compacted forms

- 1. Adjustable hardness that enables control of specific amounts of coating.
- 2. Has a relatively high melting point, so it is less susceptible to atmospheric temperature.
- 3. Stable chemical structure
- 4. Since it is insoluble in water, it is less susceptible to humidity.
- 5. Formable in different cross-section sizes, from small to large.

#### General Properties

	Zinc Stearate Compact
Shape	Bar
Appearance	White to light brown
Melting point (°C)	125
Metal content (%)	10
Specific gravity	1.1
Micro-Vickers hardness	5.0

<sup>\*</sup> All are representative values.

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