

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

* All are representative values.