



Lithiumsoap I (Lithiumseife 1)

Description Medium bulk density, fine white powder.

Properties	Test	Specification	Typical Property
	Total Ash (%)	4.8 - 5.8%	5.2%
	Free Fatty Acid (%)	1.0% max.	0.3%
	Moisture (%)	1.0% max.	0.2%
	Sieve US Std. 200 Mesh	1.0% max. retained	< 0.5%
	Free Alkalinity (%)	Report %	<1.0%

Features Lithiumsoap I is a high quality grade of lithium stearate produced for applications requiring a relatively fine, medium density gellant, thickening agent, lubricant or processing aid with good handling and blending characteristics

Performance Consistent physical properties and medium density provide excellent blending and dispersion properties with a large variety of materials.

Lithiumsoap I is an excellent gelling agent, producing lithium based greases in a variety of oils with high dropping points, very good transparency and moisture resistance.

Closely controlled particle size and consistent physical properties contributes to excellent blending and lubrication properties in the pressing of powdered metal parts. Lithiumsoap I is especially suited for use with brass or stainless steel metal powders where oxidation staining from the sintering process must be avoided.

Provides good high temperature lubrication and mold release properties in PVC, polyamide and other thermoplastic applications.

Quality Control A modern, state-of-the-art plant process with strict control ensures consistent quality in chemical and mechanical properties.

Packaging Standard 40 x 25 lb. multiwall bags on stretch wrapped pallet. Bulk packaging in supersacks and other packaging is available upon request.

Storage Storage in dry areas at normal ambient temperatures is recommended. Open containers of unused product should be firmly closed for storage.

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