



Product Information

Lithium-12-oxy-stearat

Definition Lithium-12-oxystearate, white to off-white powder

Properties	<u>Test</u>	<u>General Specification</u>
	Ash content	4.5 - 5.5 %
	Free fatty acid	max. 0.8 %
	Moisture	max. 1.0 %
	Melting point	min. 200 °C
	Sieve residue on 71 µm	max. 1.0 %

Features Lithium-12-oxystearate is produced from 12-hydroxyl-stearic acid for applications requiring a finely divided powder with good handling and feeding characteristics.

Performance Lithium-12-oxystearate is used in the production of grease and oil. Lithium soaps exhibit excellent gelling properties. Compared to Aluminium soaps, Lithium soaps are considerably more hydrophobic and thus allow higher drop points.

Lithium-12-oxystearate is used to produce very resistant gels. The lubricating effect of these oils and greases remains consistent in a temperature range up to 120 °C. The gelling properties are usually not affected by other additives.

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

Packaging Standard packaging in bags. Other packaging options are 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. The shelf life is 12 months.

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