

XEOLITH[®] Lithium Stearate

Product Description: XEOLITH[®] Lithium Stearate is a white free flowing powder prepared from the reaction of lithium hydroxide and stearic acid. It provides lubricating greases with excellent thickening and water resistance properties.

Applications: XEOLITH[®] Lithium Stearate is used as a component in lithium greases, acts as a thickener in the final grease formulation.

Chemical Formula: C₁₈H₃₅LiO₂

CAS no. : 4485-12-5

Specifications:

Parameters (units)	Typical specifications
Appearance	White free flowing powder
Bulk density (g/mL)	0.30 – 0.40
Moisture (%)	< 2
Electrolytes (%)	< 1
Melting point (°C)	210 – 240
Ash content (%)	5 ± 0.5
Free fatty matter (%)	Approx. 1
Residue on 200 mesh (%)	≤ 2

Packaging: Packaging option are available on enquiry.

Storage: Product should be stored in a cool and dry place in sealed, original containers. For further safety information refer to product SDS available from your Bisley and Company contact.

Disclaimer:

This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.