

Product Information

Aluminium Stearate

Product Description:

Aluminium stearate is a white free flowing powder that is an aluminium salt of distilled hydrogenated fatty acids. This product has excellent gelling strength, high alumina content and fine particle size resulting in a better dispersion in a variety of mediums.

Applications:

Aluminium stearate is used as lubricant in metal processing, as it is used to form aluminium stearate greases. It is used to dry, emulsify and thicken paints and cosmetics.

Chemical Formula:

$C_{18}H_{37}AlO_4$

CAS No. :

7047-84-9

Specifications:

Parameters (units)	Specifications
Appearance	White free flowing powder
Loose bulk density (g/mL)	0.25 - 0.28
Tapped bulk density (g/mL)	0.30 - 0.40
Moisture content (%)	≤ 1.5
Electrolytes (%)	≤ 2
Residue on 100 Mesh (%)	≤ 5
Melting point (°C)	165 ± 10
Gel quality	Transparent
Alumina content (%)	10.5 - 12.5
Ash content (%)	11 - 13
Free fatty matter (%)	≤ 5
pH	5.5 - 7.2

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Packaging:

Material packaging options are available upon enquiry.

Storage:

Product should be stored in a dry place away from direct sunlight in sealed, original packaging.

Safety:

For further safety information refer to product SDS available from your Bisley International 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.

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