

Product Information

Zinc Stearate

Product Description:

Zinc stearate is a white free flowing powder that is insoluble in water, providing it water repellent properties. This product provides excellent lightness, melt transparency and stability in polymers.

Applications:

Zinc stearate is used as an internal lubricant and release agent in plastics such as PVC, rubber, EVA and HDPE.

Chemical Formula:

$C_{36}H_{70}O_4Zn$

CAS No. :

557-05-1

Specifications:

Parameters (units)	Specifications
Bulk density (g/cm ³)	0.20 - 0.25
Electrolytes (%)	< 0.2
Moisture (%)	< 1.0
pH, of 2% aqueous solution	5.5 - 6.5
Ash content (%)	13.5 - 14.5
ZnO equivalent (%)	13.0 - 14.0
Melting point (°C)	118 - 121
Free fatty matter (%)	< 0.5
Particle size, particles retained on 300 mesh (%)	< 0.1

*% denoted represents wt/wt %, unless noted otherwise

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Packaging:

Material packaging options are available upon inquiry.

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 purpose only. Customers are responsible for testing and conforming 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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