



TECHNICAL INFORMATION

ZINC STEARATE - LIGHT **CHEMICAL COMPOSITION : Zn (C17H35COO)₂**

SPECIFICATIONS :

APPEARANCE	WHITE FINE POWDER
MELTING POINT	118 - 124 °C
MOISTURE CONTENT	1.0 % MAX.
ASH CONTENT	11 - 15 % MAX.
METAL CONTENT	9.0 - 12.0 %
FREE FATTY ACID CONTENT	1.0 % MAX.
BULK DENSITY	0.15 - 0.25 KG. / LIT.

PROPERTIES / APPLICATIONS :-

Zinc Stearate improves the early color when used in PVC and additionally gives good lubricating action. When incorporated in PVC, Zinc Stearate is not used alone but principally combined with Barium - Cadmium or Calcium stabilisers. Care should be taken not to use too high a dosage of Zinc Stearate, although the early color improves, the heat stability may decrease. The addition of an epoxy plasticiser will also assist in improving the heat stability.

Zinc Stearate also find uses in :-

1. Polystyrene and A.B.S. as lubricant and / or dispersant .
 2. The paint industry as a matting agent / grinding agent.
 3. The rubber industry as an anti blocking agent.
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DOSAGE :-

The recommended levels of Zinc Stearate are between 0.1 and 0.5 phr depending on the application.

PACKING :-

10 KG NET IN PP WOVEN BAGS.

STORAGE :-

UNDER DRY CONDITIONS AND AT ROOM TEMPERATURE.

Cat . ref. :- MS / 015 / 13

This information , although based on tests which are believed to be reliable , is given without warranty. No liability can be accepted . Freedom from patent rights is not warranted.