

Zinc Stearate

TECHNICAL DATA SHEET



Chemical Formula : $C_{36}H_{70}O_4Zn$
Cas No.557-05-1

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.

Packaging

Packaged in 25kg bags.

No.	ITEMS DESCRIBE	INDEX
01	Bulk density (g/cm ³)	0.20 – 0.25
02	Electrolytes (%)	< 0.2
03	Moisture (%)	< 1.0
04	pH, of 2% aqueous solution	5.5 – 6.5
05	Ash content (%)	13.5 – 14.5
06	ZnO equivalent (%)	13.0 – 14.0
07	Melting point (°C)	118 – 121
08	Free fatty matter (%)	< 0.5
09	Particle size, particles retained on 300 mesh (%)	< 0.1