



Paramount Minerals and Chemicals Limited

(An ISO 9001:2008, ISO 14001:2004 & OHSAS18001:2007 Certified Company)

DOLOCALT D

CALCIUM STEARATE

Physical & Chemical Properties

Appearance	White solid powder
Chemical formula	C ₃₆ H ₇₀ CaO ₄
Cas Number	1592-23-0
Einecs number	216-472-8
Molecular weight	607.03 g/mol
Melting point	145-155 deg C.
Solubility	insoluble in water; ether; chloroform; acetone; cold alcohol, slightly soluble in hot alcohol; hot vegetable & mineral oils, quite soluble in hot pyridine
Moisture content	Less than 2%
Total ash content	9.50-11.0%
Free Stearic acid	Less than 0.50%
Calcium content as Cao	8.50-10.0%
Bulk density	200-400 grams/litre approx
Fineness through 240 mesh	99% passes
Loss on drying	2% max

Uses

Dolocalt D is highly recommended as stabilizer for PVC resins, lubricant (release agent) for plastic molding powders and tablets, emulsions, cements, polymer pencils, for waterproofing NG base explosives; fabrics; cements & cement paints; mortar admixtures. Construction chemicals, flatting agent in paints; cosmetics. As lubricating agent in paper & paperboard coating compositions. In resin coated sands & foundry chemicals, in decaking food items like onions. As neutraliser; color stabiliser; fiber breakage reducer; and de-agglomeration agent in PP and HDPE applications.

Applications

ABS Processing, Acid Acceptor in PE, Acid Acceptor in Polystyrene, Acid Acceptor in PP, Anticaking Agent, Asbestos, External Lubricant for PVC, Fertiliser, Fibre, Internal Lubricant for PVC, Mould Release Agent, Paints Manufacturing, Paper Manufacturing, Plastic Processing, PVC Pipes, Stabiliser, Varnish Manufacturing, Water Proffing Agent. CALCIUM STEARATE is used for producing polyolefines, adhesives, PVC, paint, concrete, rubber, master batches, thermosetting resins.