



ATA KİMYA

İNŞAAT SANAYİ ve TİC. LTD. ŞTİ.

CALCIUM STEARATE –CA-3

Definition

CA-3 is a neutral to slightly basic Calcium stearate.

It promotes the fusion in all PVC applications independently on the stabilization system.

CA-3 shows synergistic effects with ZN53

It can also be used as acid scavanger in Polyolefines.

CA-3 is suitable in materials which are in contact with potable water and food stuff.

Chemical and physical properties

Appearance (Physical form)	Fine powder -
Appearance (Color)	White -
Ca	6,50 - 7,90
Ash (% at 800°C)	9,50 - 11
Free fatty acid (mg KOH/g)	0 - 1
Bulk Density	300 - 400
Moisture (% at 105°C)	0 - 3
Melting peak (DSC, °C)	115 - 125
Sieve residue (over 45 micron)	0 - 1

Recommended dosage

Depends on the formulation, processing conditions and the type of products; usually in the range of 0,3 - 1,2 phr

Standard packaging

20 kg net multilayer paper bags or 500 kg big-bag

Application

Calcium stearate

Rigid PVC

Plasticized PVC

PE, PP and similar thermoplastic resin processing

Shelf life

12 months

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