



TEPE
K I M Y A

Metallic Stearates



Product Catalogue
2020



Calcium Stearate (Ca-30)

Calcium Stearate (Ca-30) is a neutral calcium soap manufactured from a high-quality vegetable source of stearic acid.

Calcium stearate is commonly used as an internal lubricant and release agent in polyolefin processing applications.

It is hygroscopic and can also be used as an adhesion protector in rubber applications.

PROPERTIES

Chemical Characteristics : Calcium Soap

Appearance : Fine, white powder

Calcium Content : 7.0 % ± 0.5

Free fatty acid : 0.5 % Max.

Melting Point : 155°C ± 5

Ash Content : 10 % ± 0.5

Moisture : 1% Max.

Iodine number : 0.5 % Max.

**Particle Size
(200 mesh residue)** : 0 %

Shelf Life : Two years after production date

Packing : 20 kg paper bags



Magnesium Stearate (Mg-40)

Magnesium stearate is an excellent mould release agent and can be used to prevent surface adhesion in ABS. It is also used in the manufacture of halogen free cables.

PROPERTIES

Chemical Characteristics	: Magnesium Soap
Appearance	: Fine, white powder
Magnesium Content	: 4.5 % \pm 0.5
Free fatty acid	: 0.5 % Max.
Melting Point	: 135°C \pm 10
Ash Content	: 2.8 % \pm 0.5
Moisture	: 1% Max.
Iodine number	: 0.5 % Max.
Particle Size (200 mesh residue)	: 0 %
Shelf Life	: Two years after production date
Packing	: 20 kg paper bags



Zinc Stearate (Zn-55)

Zinc Stearate is a powerful mould release agent, external lubricant and dispersing agent for plastic and rubber applications.

Its high clarity makes it suitable for polystyrene resins.

Zinc stearate also finds uses in the coatings and construction chemicals industries.

PROPERTIES

Chemical Characteristics : Zinc Soap

Appearance : Fine, white powder

Zinc Content : 10.8 % \pm 0.5

Free fatty acid : 0.5 % Max.

Melting Point : 120°C \pm 5

Ash Content : 13 % \pm 0.5

Moisture : 1% Max.

Iodine number : 0.5 % Max.

**Particle Size
(200 mesh residue)** : 0 %

Shelf Life : Two years after production date

Packing : 20 kg paper bags



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