



METALLIC STEARATES



CALCIUM STEARATE

Ca-10



Calcium Stearate (Ca-10) 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 polyolen processing applications.



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



Assists homogenization, provides inner lubrication



Increase the longevity of mold

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-28



Magnesium stearate is an excellent mould release agent and can be used to prevent surface adhesion in ABS.



It is also used in the production of halogen free cables

PROPERTIES

CHEMICAL CHARACTERISTICS	Magnesium Soap
APPEARANCE	Fine, white powder
MAGNESIUM CONTENT	4.5 % ± 0.5
FREE FATTY ACID	0.5 % Max.
MELTING POINT	135°C ± 10
ASH CONTENT	2.8 % ± 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-13



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 used in coatings and construction chemicals industries



Provides external lubrication and reduces friction within the extruder; therefore, there will be a smooth flow of products within the extruder.



PROPERTIES

CHEMICAL CHARACTERISTICS	Zinc Soap
APPEARANCE	Fine, white powder
ZINC CONTENT	10.8 % ± 0.5
FREE FATTY ACID	0.5 % Max.
MELTING POINT	120°C ± 5
ASH CONTENT	13 % ± 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

MAIN FIELDS OF PLASTICS APPLICATIONS

	PE	PP	PS	ABS	PA	PVC	SMB/ BMC
METALLIC STEARATE							
CALCIUM	★	★	★	★	★	★	★
ZINC	★		★		★	★	★
MAGNESIUM				★	★		





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