

COAD® 20 Zinc Stearate

Manufacturer: The Norac Company, Inc.
 Classification: High grade multipurpose zinc stearate
 Chemical Composition: $Zn(C_{18}H_{35}O_2)_2$

Specification Properties	Value	Test Method
Fineness thru 325 mesh, %	98 minimum	358
Free Fatty Acid, %	0.5 maximum	308
Moisture, %	0.5 maximum	302
Softening Point, °C	118-123	494
Total Ash as ZnO, %	15-15.8	316
Typical Properties	Value	Test Method
Particle Size, μm	9-14	358
Physical Form	Free flowing white powder	Visual

> APPLICATIONS

Description: COAD® 20 Zinc Stearate is a high grade multipurpose zinc stearate with superior heat stability. It has a moderately high bulk density and exhibits improved dispersion for faster and more uniform mixing. The low specific surface provides important advantages when controlling viscosity.

Color Concentrates: COAD® 20 Zinc Stearate improves pigment dispersion and reduces blending time needed to produce uniform mixtures, and acts as a lubricant to improve melt flow and prevents sticking to extruder surfaces.

Powder Metallurgy: COAD® 20 Zinc Stearate shortens blending cycles, gives higher apparent densities and better flow properties in the metal powder-lubricant blends, reduces injection pressure and improves die life.

Rubber Dusting: COAD® 20 Zinc Stearate is used where a thick, uniform coatings are desired on uncured slabs or especially tacky formulations. It acts as an anti-sticking agent where a dry powder is preferred.

Dry Blends: COAD® 20 Zinc Stearate reduces caking and improves flow properties. Due to its greater density, higher loadings can be obtained in certain equipment.

>FDA REGULATIONS

Antioxidant and/or stabilizer for polymers 21 CFR 178.2010(b) Dietary supplement 21 CFR 183.8994



Technical Data Sheet

Food contact surface component 21 CFR 177.1460(b) & .1900(b) & 2410(b) Nutrient, safe designation 21 CFR 182.5994 & 582.5994

Over-the-counter drug products, ingredient listing 21 CFR 301.545 & 310.545(a)(18) Over the counter drug products, warning label 21 CFR 369.20

Paper and paperboard component 21 CFR 176.180(b)(2) Resinous and polymeric coating 21 CFR 175.300(b)(3)

> PACKAGING AND STORAGE

Packaging: 25 lb. bags.

Shelf Life: 3 years from date of manufacture if stored as indicated below.

Storage: Storage conditions greatly affect the usable life of the product. Material should be stored in an enclosed area at ambient temperature away from extreme heat and moisture.

Specification Date: September 30, 2004 (Supersedes August 9, 1996)