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RUBBER CHEMICALS
-ACCELERATORS-
DITHIOCARBAMATES

AKROCHEM® ARBESTAB Z FF

[Zinc Diisononyl dithiocarbamate]

PRODUCT DESCRIPTION:

Arbestab Z FF is a higher alkyl dithiocarbamate of zinc. It is highly recommended for use as an accelerator in the pre-vulcanization of both high ammonia and low ammonia natural rubber latex in order to greatly minimize the concerns relating to health issues including nitrosamines and Type IV allergens.

Arbestab Z FF is also useful as an accelerator in the vulcanization of dry natural and synthetic polyisoprene rubbers.

TYPICAL PROPERTIES:

Appearance	off white
Physical Form	crystalline
Specific Gravity	0.90
Melt Point	> 72°C
Molecular formula	C ₃₈ H ₇₆ N ₂ S ₄ Zn
Packaging.....	22 pound net weight bags

APPLICATIONS:

- ❖ Safe Nitrosoamine: The nitrosamine generated is safe and very low level.
- ❖ Production: Arbestab Z FF is used in the production of baby teats, soothers, balloons, condoms, and gloves based on natural rubber latex.
- ❖ Antioxidant: 1.Arbestab Z FF is an effective antioxidant in peroxide and radiation cured natural rubber latex
 2. Arbestab Z FF is a powerful antioxidant in hot melt adhesives
- ❖ Thermal Stabilizer: Arbestab Z FF is an effective melt and stabilizer in a variety of thermoplastic polymers including poly-methyl methacrylate.

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