



Shenyang LongGreen S&T Co.,Ltd.

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Technical Data Sheet

LongGreen RA-787T

Processing Promotoers LongGreen RA-787T

Product Description: Rubber Processing Additives

Mode of Action :

As Peptizer and Homogenizer RA-787T is suitable for natural and isoprene rubber as well as for their blends with other synthetic rubbers. The product shortens the mixing time, prolongs the scorch time, improves the flow characteristics of the uncured compound, and serves as a dispersing agent for all fillers. RA-787T activates the vulcanization due to its Zinc content. An addition of stearic acid is not necessary and a dosage reduction in zinc oxide is possible. With low melting range RA-787T is effective in natural and isoprene rubber at a mill temperature as low as 60 °C. Being rubber soluble, a homogeneous breakdown is achieved without the risk of blooming. RA-787T has no adverse effect on rubber-to-metal bonding. It improves the storage stability, which is of particular advantage in direct vulcanization.

Key points in operation :

Used as a peptizer, RA-787T should be incorporated at the beginning of the mixing cycle. As activator or processing promoter RA-787T should be incorporated together with the fillers.

Dosage: NR, SBR, NBR, IR: 1-3 phr.
EPDM, EPM, HNBR: 2-3 phr.

Application fields:

Processing dispersant and peptizer with Multiple Effects for elastomer compounds. Used for Technical moulded and extruded articles of all kinds, expanded rubber articles, ebonite.

Technical Data:

Composition: Blend of zinc salts of high molecular unsaturated fatty acids.

Appearance: light yellow to brown flake or pastilles.

Heat loss: ≤ 2.5%

Melting range: 77.0 - 87.0°C

Solubility: soluble in benzene and xylene, insoluble in water.

Ash content: 12.0% - 14.0%

Discoloration of vulcanization: none

Packing:

20kg, complex paper bag, 1 ton/pallet

Safety and transport :

LongGreen RA-787T is not classified as a dangerous good according to transport legislation, so we should transport it in term of undangerous good. It has not any hurt if you use it in right way.

Consult material safety data sheet (MSDS) for additional handling information on LongGreen RA-787T .

Storage :

LongGreen RA-787T should be stored in cool and dry place. The product can be stored at least two years if storage conditions are suitable. The production date is stated on the lot number on the labels of each sack.

Further information:

Product technical information and data is based on the best information available and does not constitute or imply a warranty or patent infringement of any kind. The user is responsible for testing product suitability prior to using in production.

The indicated data are typical properties only and are not to be considered as specification.
