



Shenyang LongGreen S&T Co.,Ltd.

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Technical Data Sheet

LongGreen 9608GT

Processing Promotoers LongGreen 9608GT

Product Description: Rubber Processing Additives

Mode of Action :

As Peptizer and Homogenizer LongGreen 9608GT 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 and rubber chemicals. Depending on the composition of the mixture, LongGreen 9608GT activates the vulcanization and makes the demoulding process much easier, leaving the mould clean. Being rubber soluble, a homogeneous breakdown is achieved without the risk of blooming. LongGreen 9608GT has no adverse effect on rubber-to-metal bonding.

Key points in operation :

Used as a peptizer, LongGreen 9608GT should be incorporated at the beginning of the mixing cycle. As activator or processing promoter LongGreen 9608GT should be incorporated together with the fillers.

Dosage: NR, SBR, NBR, HNBR, BR, IIR, EPDM, ACM: 2-3 phr.

Application fields:

Processing dispersant and peptizer with Multiple Effects for elastomer compounds. Used for Tires, Technical moulded and extruded articles of all kinds, hard rubber, Peptising effect in NR and IR upwards of 60°C.

Technical Data:

Composition: Blend of zinc salts of high molecular fatty acids

Appearance: light yellow to brown flake or pastilles.

Heat loss: $\leq 2.5\%$

Density, 20 °C: Approx. 1.07 - 1.09 g/cm³

Melting range: 97.0 - 105.0 ° 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 9608GT 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 9608GT.

Storage :

LongGreen 9608GT should be stored in cool and dry place. The product can be stored at least two years if storage conditions are suitable.

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.
