



PERFORMANCE ADDITIVES

TECHNICAL DATA SHEET

STAN-MAG® MINI-BEADS
CR-GRADE MAGNESIA

Technical Data Sheet

Stan-Mag® Mini-Beads are a treated form of a rubber grade magnesium oxide in an easy to handle, free flowing, dustless form.

Stan-Mag Mini-Beads contain a high activity, medium light calcined grade of magnesium oxide to provide the optimum in scorch protection in halogen containing polymers. The vehicle used in Stan-Mag Mini-Beads coats the magnesia particles with a hydrophobic film, which prevents the rapid deterioration of activity, a characteristic of the powder forms when exposed to the atmosphere. The dispersibility of Stan-Mag Mini-Beads is more rapid than other treated forms of magnesium oxide. Because of the ease and degree of dispersion, it is suggested that Stan-Mag Mini-Beads be evaluated at equal concentrations to the dry powder forms of magnesium oxide in all but the most critical formulations.

TYPICAL PROPERTIES

Table with 2 columns: Property and Value. Properties include Type Magnesium Oxide, Physical Form, Color, and Specific Gravity.

The performance of Stan-Mag Mini-Beads compared to the standard dry powder (Stan- Mag MLW) is illustrated in the following formula:

Table with 2 columns: Component and Percentage. Components include Neoprene (Sulfur Modified), Magnesium Oxide, Zinc Oxide, and Mastermix ETU 4347-MB.

Table with 3 columns: Mooney Scorch (@ 250°F), Stan-Mag Mini-Beads, and Stan-Mag MLW Powder. Rows include Minimum Viscosity, T5 (Minutes), and T30 (Minutes).

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\* Copies of Hexpol Compounding Test Methods are available upon customer request.

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