

Scorchguard® O

Predispersed rubber chemicals and additives

Function

Vulcanization activator and acid acceptor for CR, CIIR, CSM, CM, and other halogenated polymers

Product description

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|----------------------------|--|
| Composition: | Active Ingredients 54% ± 2% activated Magnesium Oxide and 20% ± 2% Proprietary activated Magnesium Compounds |
| Appearance: | 26 ± 2 wt % organic binders |
| Density, 20°C: | yellow to brown rectangular bars |
| Loss on ignition at 600°C: | approx. 1.9 g/cm ³ |
| Physiological properties: | max. 32 % see safety data sheet |

Use

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|-----------------|---|
| Mode of action: | Scorchguard O is activated, pre-dispersed magnesium oxide (MgO) and other proprietary magnesium compounds in bar form. The organic binder has multiple functions. It protects the MgO from moisture absorption and thus prevents it from being converted to inactive Mg(OH) ₂ . The binder also reduces mixing times in CR and other halogen-containing compounds, thereby reducing energy consumption. The binder is preventing MgO-containing compounds from sticking to mixing equipment. The binder system is not affecting physical properties. Scorchguard O increases the processing safety of compounds based on CR, CSM, CM and CIIR. It also makes compounds easier to calender, extrude and mold. When used in conjunction with Zinc Oxide, Scorchguard O will provide excellent scorch protection and acid absorption. |
| Processing: | Scorchguard O is easy to incorporate and disperses quickly and evenly in all mix qualities. Dusting is suppressed, moisture absorption significantly reduced by the binder system. For best results, Scorchguard O should be added at the beginning of the mixing process. |
| Dosage: | 2-4 phr |
| Application: | Extruded and injection-molded technical articles based on CR, CIIR, CSM, and CM, adhesives based on CR |

Packing

Packaging available on request.

Storage stability

In original sealed containers under cool and dry conditions 180 days from date of production. Storage stability is 365 days from date of production for product packed in foil bags

Handling

For additional handling information on Scorchuard O please consult current safety data sheet.

Our technical advice - whether verbal, in writing or by way of trials - is given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. It does not release you from the obligation to test the products supplied by us as to their suitability for the intended processes and uses. The application, use and processing of the products are beyond our control and, therefore, entirely your own responsibility. Should, in spite of this, liability be established for any damage, it will be limited to the value of the goods delivered by us and used by you. We will, of course, provide products of consistent quality within the scope of our General Conditions of Sale and Delivery.



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