

2-(Morpholiniothio)-benzothiazole

TECHNICAL DATA SHEET

Emerald Performance Materials offers a range of delayed-action sulfenamide accelerators under the Cure-Rite® brand name. Sulfenamides affect both vulcanization parameters (scorch delay, cure rate, etc), as well as physical properties of the vulcanizate (modulus, elasticity, cross-link density, etc). Cure-Rite® sulfenamides are offered in several forms, including pellets powder, and flake. Pellets confer low dust, high actives, low friability and good dispersion properties. Cure-Rite® sulfenamides are most effective if stored in cool (<30° C), dry conditions (<60% RH) and if used within 6 months of date of manufacture.

Specific properties for Cure-Rite® OBTS are listed below.

PRODUCT DESCRIPTION

- Tan to yellow flakes

FEATURES

- Better scorch safety
- Fast cure rate
- Medium cross-link density
- Non-staining & non-blooming

BENEFITS

- Vulcanizates have dynamic elasticity
- Excellent with fine carbon blacks
- Longer delayed vulcanization affords good flow for intricate parts

APPLICATIONS

- Tire treads, sidewall and carcass
- Molded & injected rubber goods
- Footwear

TYPICAL PROPERTIES

Melting Point	80-87°C
Ash	<0.15%
Methanol Insolubles	<0.5%
Free Amine	<0.3%
Moisture	<0.2%

STORAGE/HANDLING

Optimal product performance is attained, if OBTS is used within 6 months from manufacturing date. OBTS should be stored in a location that is cool and dry. Read the OBTS Material Safety Data Sheet before handling, storing, or using.

PACKAGING/DELIVERY

Available in paper bags.

To obtain samples, discuss your application, or gather more details on Cure-Rite® OBTS, or any other Cure-Rite® product, please log onto our website at www.emeraldmaterials.com, or contact us directly at 888.889.9150.

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