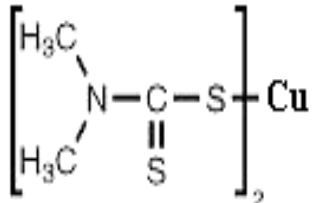


# Curekind CuMDC(CDD)

| DESCRIPTION   | Items                          | Specification     |                  |
|---|--------------------------------|-------------------|------------------|
|   |                                | Powder            | Dust free Powder |
|  <p>Copper Dimethyl Dithiocarbamate</p> <p>C<sub>6</sub>H<sub>12</sub>N<sub>2</sub>S<sub>4</sub>Cu<br/>M.W. 304<br/>CAS No.: 137-29-1<br/>EINECS No: 205-287-8</p> | Appearance                     | Dark-brown powder |                  |
|   | Initial Melting Point, °C min. | 245.0             | 245.0            |
|   | Heat Loss, % max.              | 0.80              | 0.80             |
|   | Ash Content, %                 | 26.0-28.0         | 26.0-28.0        |
|   | Density, g/cm <sup>3</sup>     | 1.75              | 1.75             |
|   | Residue on 150µm, % max.       | 0.10              | 0.50             |
|   | Additive, %                    | -                 | 1.0-2.0          |

**Characteristics** Curekind®CuMDC(CDD) is dark-brown powder, with a little smell, easily produces copper oxide when heated.

**Application** Curekind® CuMDC(CDD) is a fast curing accelerator for SBR, butyl rubber and 4-polybutadiene rubber, not suitable for natural rubber. Usually applied to valve mouth rubber vulcanization bonding with copper valve. Dosage: Use for SBR as primary accelerator: 0.2~0.75phr, combine use with Sulfenamide accelerator 1.5~0.2phr and Sulfur 2.0~0.5phr; Use for SBR as secondary accelerator: 0.05~0.2phr, combine use with Sulfenamide accelerator 0.5~2.0phr and Sulfur 2.5~1.5phr; Use for Butyl rubber as primary accelerator: 1.0~2.0phr, combine use with Sulfenamide accelerator 0.5~2.0phr and Sulfur 2.0~1.0phr;

**Safety and Toxic** Refer to the MSDS

**Storage** Store in closed containers in a cool, dry, well-ventilated place. Avoid exposure under direct sunlight.

**Package** Co-extruded paper bag lined with PE plastics film bag. N.W. 25kg/bag; N.W. 500kg/pallet.

The information contained in this leaflet is based on tests carried out by our laboratories and data selected from references. Therefore it is not valid legally and does not signify any guarantee to customers of successful applications of the product according to their own formulas. However, our company will offer professional services in technology at utmost to facilitate customers to achieve expected purpose of product applications.