

ICS 83.040.20

HG

**CHEMICAL INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

HG/T 6159-2023

**Rubber antioxidant - Zinc 2-mercapto-4(or
5)-methylbenzimidazole (ZMMBI)**

橡胶防老剂 2-巯基-4（或5）-甲基苯并咪唑锌（ZMMBI）

(English Translation)

Issued on: July 28, 2023

Implemented on: February 1, 2024

**Issued by: Ministry of Industry and Information Technology of the
People's Republic of China**

Table of Contents

1 Scope

1 Scope

This standard specifies the technical requirements for the physical and chemical properties of the rubber antioxidant 2-mercapto-4 (or 5)-methylbenzimidazole zinc (referred to as rubber antioxidant ZMMBI), and describes the corresponding batching rules, sampling, and test methods. Specifies aspects such as marking, packaging, transportation and storage. This standard applies to rubber antioxidant ZMMBI made from 2-mercapto-4 (or 5)-methylbenzimidazole, liquid caustic soda, zinc sulfate (or zinc chloride), etc. as the main raw materials.