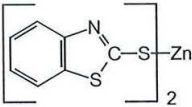


Product Sales Specification

|                                        |                                                                                   | PILCURE®           | ZMBT |
|----------------------------------------|-----------------------------------------------------------------------------------|--------------------|------|
|                                        |                                                                                   | ACCELERATOR        |      |
| Chemical Name                          | Zinc-2-mercaptobenzothiazole (ZMBT)                                               |                    |      |
| Chemical Structure                     |  |                    |      |
| CAS Reg. No.                           | 155-04-4                                                                          |                    |      |
| Mol. Wt.                               | 398                                                                               |                    |      |
| <b><u>Product Specification</u></b>    |                                                                                   |                    |      |
| <u>Parameter</u>                       | <u>Limits</u>                                                                     | <u>Test Method</u> |      |
| Product form                           | Powder (WT)                                                                       | -                  |      |
| Color                                  | White to Cream yellow                                                             | -                  |      |
| Free MBT-Grade 1, %                    | 0.0 - 2.0                                                                         | NOCIL 02-3-304     |      |
| Free MBT-Grade 2, %                    | 4.0 - 6.0                                                                         | NOCIL 02-3-304     |      |
| Free MBT-Grade 3, %                    | 13.5±2.5                                                                          | NOCIL 02-3-304     |      |
| Zn Content-Grade 1, %                  | 19.0-22.0                                                                         | NOCIL 02-3-323     |      |
| Zn Content-Grade 2, %                  | 17.5-20.5                                                                         | NOCIL 02-3-323     |      |
| Zn Content-Grade 3, %                  | 16.0-19.0                                                                         | NOCIL 02-3-323     |      |
| Heat Loss, % (max)                     | 0.5                                                                               | D 4571             |      |
| Residue on 150 μ, % (max)              | Nil                                                                               | D 5461             |      |
| Residue on 63 μ, % (max)               | 0.50                                                                              | D 5461             |      |
| <b><u>Typical Data</u></b>             |                                                                                   |                    |      |
| Specific gravity at 25°C               | 1.70-1.77                                                                         | D 1817             |      |
| Bulk density, kg/m <sup>3</sup>        | 490 - 530                                                                         | NOCIL G-44         |      |
| Bulk density (Comp), kg/m <sup>3</sup> | 620 - 660                                                                         | NOCIL G-44         |      |
| <b><u>Packaging</u></b>                |                                                                                   |                    |      |
| Paper-Fabric Bag                       | 20 kg                                                                             |                    |      |
| FIBC                                   | 500 kg                                                                            |                    |      |
| Color code                             | Yellow colored strip.                                                             |                    |      |