

# CREMONE® PRODUCTS



## Highly Dispersed Active Agent

| Item                      | Unit              | SA-1                         | SA-100    | SA-800    | SA-800S   | Test Method              |
|---------------------------|-------------------|------------------------------|-----------|-----------|-----------|--------------------------|
| Appearance                | /                 | White to light yellow powder |           |           |           | /                        |
| Loss at 105°C             | %                 | ≤2.0                         | ≤1.5      | ≤1.5      | ≤1.0      | GB/T 5211.3              |
| Loss on ignition          | %                 | 26.0–30.0                    | 21.0–25.0 | 10.0–16.0 | 17.0–23.0 | GB/T 3185                |
| Zinc oxide content        | %                 | 38.0–42.0                    | 48.0–52.0 | 67.0–73.0 | 67.0–73.0 | GB/T 3185                |
| Calcium carbonate content | %                 | 54.0–60.0                    | 45.0–50.0 | 26.0–32.0 | /         | Muffle Furnace 1000°C/2H |
| Organic components        | %                 | 3.0                          | 1.8       | 0.8       | /         | Fixed Value              |
| Density                   | g/cm <sup>3</sup> | /                            | /         | /         | 2.5–3.5   | GB/T 4472                |

## PRODUCT FEATURE

- 1 Super-dispersed micro-nano system with monodisperse zinc oxide particles; no soft or hard agglomeration.
- 2 Polar passivation treatment of nanoparticle surfaces, resulting in good compatibility with rubber compounds and excellent processing performance.
- 3 During product preparation, the lattice is arranged according to the designed order, increasing the contact area of effective crystal faces and enhancing the reactivity within the unit space.

## APPLICATION

Widely used in non-polar rubber and elastomer systems such as natural rubber, styrene-butadiene rubber, butyl rubber, polybutadiene rubber, and ethylene-propylene-diene rubber.

## PACKAGE AND STORAGE

- 1 25 kg/bag.
- 2 Store sealed in a cool, dry, and well-ventilated place, avoiding direct sunlight.

CREMONE CHEMICALS CO., LTD.

Add: Room 1106, 1168 HUYI Road, Jiading District, Shanghai, China

Tel: +86-021-58626709

Email: [service@cremonechem.com](mailto:service@cremonechem.com)