

**CALCINED GROUND KAOLIN**

|  | <b>CALK 87 / 1.3</b> | <b>CALK 89 / 1.3</b> | <b>CALK 92 / 1.3</b> |
|--|----------------------|----------------------|----------------------|
| 1. WHITENESS, %                        | 87.0 ± 1.5           | 89.0 ± 1.5           | 92.0 ± 1.5           |
| /Elrepho 2000/                         |                      |                      |                      |
| 2. WET RESIDUE ON SIEVE OF 45 µm, %    | max. 0.05            | max. 0.05            | max. 0.05            |
| 3. PARTICLE SIZE, µm                   |                      |                      |                      |
| /SediGraph 5100/                       |                      |                      |                      |
| d 50                                   | 1.3                  | 1.3                  | 1.3                  |
| < 10                                   | min. 90              | min. 90              | min. 90              |
| < 2                                    | min. 55              | min. 55              | min. 55              |
| 4. CHEMICAL CONTENTS, %                |                      |                      |                      |
| /XRF, AES – ICP/                       |                      |                      |                      |
| SiO <sub>2</sub>                       | 58.00 ± 2.00         | 56.00 ± 2.00         | 54.00 ± 2.00         |
| Al <sub>2</sub> O <sub>3</sub>         | 37.00 ± 1.00         | 39.00 ± 1.00         | 41.00 ± 1.00         |
| Fe <sub>2</sub> O <sub>3</sub>         | 0.90 ± 0.10          | 0.70 ± 0.10          | 0.40 ± 0.10          |
| TiO <sub>2</sub>                       | 0.30 ± 0.05          | 0.40 ± 0.05          | 0.60 ± 0.05          |
| Loss of Ignition                       | max. 1.0             | max. 1.0             | max. 1.0             |
| 5. FREE MOISTURE, %                    | max. 0.5             | max. 0.5             | max. 0.5             |
| 6. PH                                  | 7.0 ± 1.0            | 7.0 ± 1.0            | 7.0 ± 1.0            |
| 7. SPECIFIC GRAVITY, g/cm <sup>3</sup> | 2.6                  | 2.6                  | 2.6                  |
| <b>Application</b>                     |                      |                      |                      |
| FILLER FOR RUBBER                      | V                    | V                    | V                    |
| FILLER FOR PLASTICS                    | V                    | V                    | V                    |
| FILLER FOR PAINTS                      | V                    | V                    | V                    |