NATURE AND ASPECT
Sodium and aluminum silicate, precipitated and amorphous, $14.5(\text{SiO}_2)\cdot\text{Al}_2\text{O}_3\cdot1.4(\text{Na}_2\text{O})$, presented as a fine powder.

TECHNICAL DATA

| Property                                      | Method          | Values *
|-----------------------------------------------|-----------------|-----------
| BET specific surface (m$^2$/g)                | ISO 5794-1      | 60        |
| Humidity (%)                                  | ISO 787/2       | $<7.5$    |
| pH (5% water suspension)                      | ISO 787/2       | 10.5      |
| Conductivity (10% water suspension, % Na$_2$SO$_4$) | ISO 7888        | $<3$     |
| Tamped density (g/l)                          | ISO 787/11      | 200       |
| Reinforcement                                 |                 | Low       |
| Processability                                |                 | Very high |

* Typical values. Specifications available upon request.

PROPERTIES
- Medium-low reinforcement ability in rubber and other elastomeric mixes.
- White filler for very low viscosity coloured mixes, or mixes that require an excellent processability.
- Opaque white filler that can be used to extend or partially replace titanium dioxide.
APPLICATION FIELDS

- The Ebrosil® series have been developed as reinforcing fillers for elastomers, mainly for natural and synthetic rubber.
- They can be used as filler in other polymers with different effects depending on the silica-polymer interaction: antiblocking, matting, barrier effect...
- Due to its white colour and its small size, it has an important opacifying and matting effect, being useful as a titanium dioxide extender.

APPLICABLE LEGISLATION

- It is not classified as a dangerous substance according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
- It is registered with No. 01-2119429887-22-0009 according to Regulation (EC) No 1907/20006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

STORAGE AND HANDLING

Store in a dry place. These products have an expiry date of two years from the manufacturing date.

Suitable precautions must be taken when handling, following the indications given by the Material Safety Data Sheet (MSDS).

PACKAGING

- 25 kg multi-layer paper sacks.
- Big bags.
- Silo trucks.

It can be supplied in other formats according to customer requirements.