

# SILICAS

## EBROSIL® PD/GR

Reinforcing fillers for Rubber



n° CAS 112926-00-8

n° EINECS 231-545-4



APROVADO  
DEP. DE QUALIDADE

### NATURE AND ASPECT

Amorphous precipitated silica, SiO<sub>2</sub>, as fine powder or compacted granules.

### TECHNICAL DATA

	Method	Values *
BET specific surface (m <sup>2</sup> /g)	ISO 5794-1	185
Humidity (%)	ISO 787/2	<7.5
pH (5% water suspension)	ISO787/2	6.5
Conductivity (10% water suspension, % Na <sub>2</sub> SO <sub>4</sub> )	ISO 7888	<3
Tamped density (g/l)	ISO 787/11	200 (PD) 325 (GR)
Reinforcement		High
Processability		Medium

\* Typical values. Specifications available upon request.

### PROPERTIES

- High reinforcement ability in rubber and other elastomeric mixes.
- General purpose white filler for coloured mixes.
- Easy dispersion for the product Ebrosil® PD.
- Low dust evolution for the product Ebrosil® GR.



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## ■ 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...

## ■ APPLICABLE LEGISLATION

- Precipitated silica 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. 01-2119379499-16-0058 according to Regulation (EC) No 1907/2006 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.



All information in this technical sheet is based on our own tests and knowledge, which are considered to be trustworthy. However, given the variety of use conditions, the customer must check the suitability of the product for the final application. Rev. 2017.