

ZQ-356 TECHNICAL DATA SHEET

Product description :

Precipitated Silica for using as a white reinforcing filler in the rubber industry .

Formula : $\text{SiO}_2 \cdot n\text{H}_2\text{O}$

Product standard:

HG/T3061, Rubber compounding ingredients-Silica, precipitated, hydrated-Specifications

Typical Values:

APPEARANCE	WHITE POWDER
CTAB Surface Area, m^2/g	160-190
Heating loss ,%	≤ 8.0
Ignition loss ,%	≤ 6.0
45 μm sieve residue, %	≤ 0.5
SiO_2 -Content (dry basis), %	≥ 97
DBP absorption , cm^3/g	2.0-3.0
PH-Value	6.0-7.5

Application :

ZQ-356, as a filler can provide the rubber compounds with a high reinforcing ability. It efficiently improves the Shore hardness 、 tensile strength, tear resistance and abrasion resistance of the rubber compounds.

In order to achieve the optimum rubber-technical data , the addition of activators like glycols, amines are suggested .

Application Fields are :

Industrial rubber goods , shoe undersoles and tires .

Storage stability : Twelve months

To ensure the product properties and application behavior remaining unchanged ,the precipitated silica should be stored in dry and closed area.It' s prohibited to exposure to volatile substances,to ensure the prolonged usability ,strict observing optimum storage measure is required . We recommend to apply it in a storage period of approximately one year .

Packing :

We can supply

- 1). Woven plastic bag :10kg、 12kg、 14kg、 20kg;
- 2). Big bag : 400kg、 500kg;
- 3). Valve bag : 15kg、 20kg、 25kg。

Product safety:

Please refer to the Material Safety Data Sheet which draw up by our company .

ZHUZHOU XINGLONG NEW MATERIAL CO. , LTD.