

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

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Lipophilic Silica



1, Main technical parameters of the product

ITEM	PSTS-02	PSTS-05	PSTL-02	PSTL-05
SIO ₂	≥99.4	≥99.5	≥99.5	≥99.5
Particle size mm	20	20	20	20
Specific surface area m ² /g	150	180	180	180
Apparent density g/cm ³	0.15	0.1	0.1	0.1
PH	5-7	5-7	5-7	5-7
Heating loss 105℃*2h, %	≤1.5	≤1.5	≤1.5	≤1.5
Surface Property	Lipophilic	Lipophilic	Lipophilic	Lipophilic

2, After special treatment, the product particle surface has excellent hydrophobic and lipophilic properties, which can not be dispersed in water, that is, very low moisture absorption, good dispersion, even for polar system, it also has rheological regulation ability. In the liquid system, the lipophilic silica can be added with high content, but has little effect on the viscosity of the system. Therefore, oleophilic silica is the most suitable rheological assistant, thickener and reinforcing agent for polar liquid.

3, Application of Lipophilic Silica: engineering plastics, modified plastics, silicone rubber, defoamer, paint, ink, paint

4, Compared with the hydrophilic silica, it has the following characteristics:

1) After modification, the strength, toughness, compactness and antifreeze properties

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of the product are improved significantly

2) improve the reflective effect of ultraviolet radiation, that is, anti-aging, weatherability and anti tarnishing.

3) Erosion resistance, water resistance and wear resistance improvement

4) Improve the surface finish, adhesion, flow resistance and caking resistance of the coating

5,Application: rubber, paint, plastic, paper making, resin composite, ink, silicone oil, etc

6,Lipophilic Silica is made of nano materials, with our company's special dispersant, the dispersion effect of nano silica can be improved, which is the ideal use effect of the product

7.Good feedback of product use effect,the products have been exported to South Korea, Russia,Morocco

8.We are a professional supplier, who can provide customers with free product technology, use and other issues.

Do you want to find a professional supplier of refractory products?

Do you want to find a professional supplier of graphite electrodes?

Do you want to find a stable and credible supplier?

Then let's contact with jinggan company

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