

T-550 Fumed Silica

T-550 is a gas phase silica with a specific surface area of 120M²/g.

Used as additives to prevent settlement, thickening and flow sticking; control of rheology and thixotropy of liquid systems, adhesives and polymers;

HCR-RTV-2K silicone rubber reinforcement; can be used to regulate free flow and as an anti-caking agent to improve powder properties,

Hydrophilic fumed silica.

1. Qualification :

surface	White fluffy powder	BET, superficial area	120±25 M ² /g
SiO ₂ Content (%)	≥99.7	Oil absorption (g/100g)	320-330
TiO ₂ Content (%)	≤0.03	Loss on ignition (1000°C)	≤5%
Screen residue (according to Mocker, 45μm)	≤0.05%	Heat reduction (105°C 2 hours)	≤4.5%
pH (5% aqueous suspension)	6.0-6.5	grain size (um)	4.1

2. key property :

Suitable for various paint layers (adhesive, coating, ink, powder coating) to improve pigment stability, improve pigment dispersion, and enhance High paint film adhesion, corrosion resistance, waterproof, prevent bubbling; Especially silicone rubber, polyester resin, coating and ink thixotropic agent, coloring system anti-settling agent.

For liquid system, it can obtain rheological control, solid suspension, anti-rheology and other effects;

It can improve the strengthening effect for solid system, and provide good free flow and prevent lumping for powder system;

It can also be used as a high activity filler for natural and synthetic rubber, medicine and cosmetics;

3. Usage:

Applied to paint, ink, unsaturated polyester resin, laminated resin and gel coat; Silicone rubber, HTV and RTV-2K silicone rubber; adhesives and sealants; printing inks;

Daily necessities, cable insulation glue and cable gel, plant protection;

4. Product packaging and storage:

White re-coated paper bag, inner imported film bag, net weight 7.5KG/bag.

After unpacking, the unused products should be tightly tied at the bag opening and used as soon as possible to avoid moisture and affect product quality.

The above information is based on the product situation. Due to different producer formula, production process and construction conditions, the above statement is for reference only. The company does not assume any legal responsibility, please test the dosage before use. The company reserves the right to improve its products and any changes in specifications will not be notified in advance.