

Silicon dispersant Tech-59901

Describe

Tech-59901 is specially designed for the dispersion of pigments and fillers in silicone polymers such as silica gel and silicone resin. Tech-59901 has excellent compatibility in methyl silicone oil, silicone rubber, silicone resin, etc., without any precipitation and turbidity, and will not affect the adhesion and flexibility of silicone polymer. It can wet common fillers such as heavy calcium, nano calcium, fumed silica, etc., and can enhance the uniformity of fillers in the system and improve the storage stability of fillers. It has a good dispersing ability for iron red, chrome yellow, carbon black and other pigments, which can obviously improve the surface gloss and flatness of colloid, and improve the hiding power and leveling property.

Physical parameters

Component: Copolymer containing pigment-affinity groups

Appearance: Yellow transparent solution.

Active part: 100%

Characteristic

1. Tech-59901 is suitable for wetting and dispersing of fillers and pigments of any silicon-containing polymer.
2. Tech-59901 can improve the flow and leveling of silicon-containing polymers and improve the surface gloss.
3. Tech-59901 can improve the adhesion and flexibility of silicon-containing polymer to matrix.

applied range

It can be used for wetting and dispersing pigments and fillers in silicone polymer systems such as silica gel and silicone PU, providing good storage and stability, and obtaining excellent appearance and workability.

Suggested dosage

Generally, it is 0.2-1% of the total amount, which is recommended to be added in the dispersing stage of pigments and fillers.

package

25kg plastic pail

TECH Polymer

A company focus on additives since its birth

For research and development purposes only, there is no warranty of any kind, so please test its suitability in advance.

■Shanghai Company –

Address: 5th Floor, Building 11, Shanghai Zhi Cheng, Lane 8666, Hunan Road, Pudong New Area, Shanghai

■Guangdong Company –

Address: Unit 403, Building 1, Baozhi Garden, Leliu Street, Shunde District, Foshan City, Guangdong Province.

Tel:021-50796110 Fax:021-50796113 Tel:0757-22689820 Fax:0757-22689270

MSDS/TDS: www.tech-polymer.com.cn

