

## Dispersant Tech-59905-7

### Description

Tech-59905-7 is a specially designed construction modification product for methyl silicone oil, silicone gel, silicone grease, and other materials. Tech-59905-7 has good compatibility with methyl silicone oil, silicone rubber, silicone resin, etc. It does not migrate or precipitate, nor does it affect the cross-linking reaction of silicone gel, nor does it affect the adhesion and flexibility of silicone polymers. It has good wetting and dispersing properties for common functional fillers in thermal conductive silicone systems such as alumina, silicon powder, and carbides, which can improve the suspension stability of thermal conductive fillers. At the same time, it will not cause viscosity increase during the production process of additive silicone and reduce oil separation. Adding Tech-59905-7 adhesive can usually achieve a smoother surface appearance and avoid uneven thickness.

### Physics and Chemical properties

**Ingredient:** copolymer containing pigment-affinity groups

**Appearance:** Yellow transparent solution

**Content:** 100%

### Specialty

1. Tech-59905-7 is suitable for the construction of any silicon containing polymer
2. Tech-59905-7 can improve the flow and leveling of silicon containing polymers, and enhance surface gloss
3. Tech-59905-7 can avoid the problems of unsmooth and broken glue liquid
4. Tech-59905-7 Has good dispersion and anti settling properties for thermal conductive fillers such as alumina and silicon powder

### Application System and Dosage

Used for construction modification of organic silicon polymers such as silicone and methyl silicone oil, providing good storage and stability, and achieving excellent appearance and construction performance. Generally, for a total amount of 0.5-5%, it is recommended to add it during the dispersion stage of pigments and fillers.

### Package

25kg

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