

TECHNICAL DATA SHEET

Silicon Masterbatch MFQ-SI5001



Product Description

- Silicone Masterbatch are usually added directly to the polymeric raw materials during the processing of thermoplastics. The role of silicone masterbatch can be different according to the different amount of addition; they can be used as flow accelerator, synergistic flame retardant, processing aid, hydrophobic agent, release agent, etc...
- MFQ-SI5001 increases the impact resistance, lubricity, dispersibility, flame retardancy and flow ability of the plastic products.
- MFQ-SI5001 is ultra-high molecular weight polysiloxane dispersed in polyethylene. Due to its particle form, it is easy to be added in the production process with better dispersion.
- MFQ-SI5001 is suitable for directly injection molding, extrusion and blown film after mixing with the polymer. It can obviously improve the processing fluidity, reduce torque and enhance throughput. It can enhance surface performance of finished products, improve melt viscosity, effectively prevent "shark skin" phenomenon. It can also enhance surface gloss and reduce die drool. It can be used with all known additives, used together with fillers can promote the dispersion of them because of low migration and no exudation.
- MFQ-SI5001 will not affect the printing and coating properties.
- For detailed information, please contact the Technical Department.

General Properties

Forms	• Granule/Pellets
Color	• Milky

Technical Specifications

Carrier Resin	• PE
Active Ingredients	• ≈ 50 %
Thermal Stabilizer	• Yes

ATTENTION

- **Dosage:** 0.5 % to 5 % depending on final application and processing.
- **Lifetime and Storage:** Not to exceed 12 months. Keep in cool and dry place under shelter for long periods.

* This product packed in PP Woven bag of 25 kg each.

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