

Javachem® HG-600S

【Description】

Javachem®HG-600S is organic-group modified ultra-high molecular weight polysiloxane dispersed in polypropylene, which is used to improve the process ability, surface performance and scratch resistance of polyolefin materials. Compared with other silicone anti-scratch agents, it has better compatibility with polyolefin system, better scratch resistance and less influence on stress whitening.

【Features】

| | |
|---------------|---------------------------------------|
| Appearance | : light-white pellets approx.3.0mm |
| Density | : 0.92g/cm ³ |
| Heat loss, % | : 0.3% max |
| Carrier resin | : homo-polypropylene |
| MFR, g/10min | : 2 |

【Application】

Javachem®HG-600S is applicable to modified PP compounds. It can obviously improve the processing fluidity, reduce torque and improve throughput. It can also obviously improve surface gloss and smoothness. The product has low VOC, no odor, no exudation, less influence on stress whitening, excellent long-lasting scratch resistance and excellent thermal stability. It has good scratch resistance even after aging.

Javachem®HG-600S can be used with all known additives, and being used together with fillers can promote the dispersion of fillers.

| Polymer | Dosage (%) |
|---------------|------------|
| Polypropylene | 1.0 ~ 3.0 |

【Food contact】

Javachem®HG-600S can be used as the food contact additive, the polyolefin part of HG-600S is compliance with article 177.1520(c) 1.1 of FDA, and the siloxane part is compliance with article 181.28 of FDA.

【Packaging and Transportation】

The standard packaging is PE bag, 25kg/bag net weight, 500kg or 625kg per pallet net weight. Packaging and transportation is in accordance with international laws and regulations. For other quantitative packaging availability, please contact Javachem marketing representative.

According to state and international transportation regulations, Javachem®HG-600S is not the dangerous product.

【Storage】

Javachem®HG-600S is suggested to be stored in a dry and cool place. It will be valid for two years. Please seal up after each open.

【Safety and Operation】

For the detail information of safe storage, usage and operation of Javachem®HG-600S, please refer to the MSDS. Before accepting this product, you should read over the information in MSDS carefully.