

Javachem[®] HG-600

【Description】

Javachem[®] HG-600 is organic group-modified ultra-high molecular weight polysiloxane dispersed in polypropylene. It is used for improving the processability, surface performance and scratch resistance of polyolefin materials. Comparing with other silicone anti-scratch agent, it has better compatibility with polyolefin system, better scratch resistance and low stress whitening influence.

【Features】

Appearance	: light white pellets approx.3.0mm
Density	: 0.92g/cm ³
Heat loss,%	: 0.5% max
Carrier resin	: homo-polypropylene
MFR,g/10min	: 10

【Application】

Due to its standard particle form, it is suitable for directly injection molding, extrusion and blown film after mixing with the plastic particles. 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 still has good scratch resistance even after aging.

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

Polymer	Dosage(%)
polypropylene	1.0 ~ 5.0

【Food contact】

Javachem[®] HG-600 can be used as the food contact additive, the polyolefin part of HG-600 is compliance with article 177.1520(c) 3 of FDA, and the siloxane part is compliance with article 181.28 of FDA.

【Packaging and transportation】

The standard packaging is plastic carton, 20kg/carton net weight, 480kg/pallet.

Packaging and storage 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-600 is not the dangerous product.

【Storage】

Javachem[®] HG-600 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-600, please refer to the MSDS, before accepting this product, you should read over the information in MSDS carefully.