

## **Javachem® GT-805**

### **【Description】**

Javachem® GT-805 is ultra-high molecular weight polysiloxane dispersed in PA6. Because of its particle form, it is easy to be added in the production process of high molecular materials.

Ultra-high molecular weight polysiloxane has better dispersion.

### **【Feature】**

Appearance	: white pellets
	: approx 3.0mm
Density	: 1.08 g/cm <sup>3</sup>
Heating loss,%	: <0.5%
Carrier	: PA6
Content, %	: 50%

### **【Application】**

Due to its particle form, it is suitable for directly injection molding and extrusion after mixing with the plastic particles. It can enhance the processing fluidity, decrease the torque and enhance throughput. It can also improve internal and external demoulding properties, and prevent large plastic warping and deformation. It can improve surface floating fiber and brightness of fiber products, enhance the surface gloss and smoothness, and improve scratch resistance. With low migration and no exudation, it does not affect the printing and coating properties.

Javachem® GT-805 can be used with all known additives. When it is used together with fillers, it can promote filler's dispersion.

Polymer	Dosage (%)
PA	0.5 ~ 5.0

### **【Food contact】**

Javachem® GT-805 can be used as the food contact additive. The nylon part of GT-805 is

compliance with article 177.1500(b) 6.1 of FDA, and the siloxane part is compliance with article 181.28 of FDA.

**【Packaging and transportation】**

The standard packaging is PE bag, and the net weight is 25 kg/bag, 500kg/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<sup>®</sup> GT-805 is not the dangerous product.

**【Storage】**

Javachem<sup>®</sup> GT-805 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<sup>®</sup> GT-805, please refer to the MSDS. Before accepting this product, you should read over the information in MSDS carefully.