

## **Javachem® TP-200E**

### **【Description】**

Javachem® TP-200E is the dispersion of ultra-high molecular weight polysiloxane in Polypropylene. Because of its particle form, it is easy to be added in the production process. Ultra-high molecular weight polysiloxane has better dispersion and more convenient process.

### **【Features】**

Appearance	: light white pellets approx.3.0mm
Density	: 0.93 g/cm <sup>3</sup>
Heat loss,%	: 0.5% max
Carrier resin	: co-polypropylene
The content of siloxane polymer, %	: 60

### **【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 improve the surface scratch resistance, reduce coefficient of friction. It can obviously improve the processing fluidity of plastic products, reduce torque, enhance throughput. It can also effectively improve mold filling ability and de-molding properties when injection molding, enhance surface gloss and smoothness. With low VOC and no exudation, it will not affect printing and coating properties.

Javachem® TP-200E can be used with all known additives, and being used together with fillers can promote the dispersion of fillers.

Polymer	Dosage(%)
PP	1.0 ~ 5.0

### **【Food contact】**

Javachem® TP-200E can be used as the food contact additive. The polyolefin part of TP-200E 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 paper carton, 20 kg/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® TP-200E is not the dangerous product.

### **【Storage】**

Javachem® TP-200E 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® TP-200E, please refer to the MSDS. Before accepting this product, you should read over the information in MSDS carefully.