



## FW9TYPE

### 耐高溫 Poly sulfone 系列塑料專用色母粒

### High temperature resistant Poly sulfone series plastic special masterbatch

樹脂 Resin 色母粒 Color Masterbatch

規格 Grade FW9-C9U

來源 source 上禾伸企業

#### 描述 Description

■FW9-C9U 是濃縮耐高溫有色顏料色粉，可用於 Poly sulfone 系列塑料，高溫加工塑料用色母粒，分散性佳，可承受 320°C 以上加工溫度。色母粒與 Poly sulfone 系列塑料結合性佳，影響 Poly sulfone 系列塑料本質物性低，染色顏料為無機性色粉，可承受高溫 320°C 以上，射出、押出成型加工溫度，顏色依然保持原有的色相。

FW9-C9U is a concentrated high-temperature resistant colored pigment toner, which can be used in Poly sulfone series plastics and masterbatch for high-temperature processing plastics. It has good dispersion and can withstand processing temperatures above 320°C. The color masterbatch has good compatibility with Poly sulfone series plastics, which affects the intrinsic physical properties of Poly sulfone series plastics. The dyeing pigment is inorganic toner, which can withstand high temperatures above 320°C and the injection and extrusion molding processing temperatures. The color still maintains the original hue.

#### 應用塑料 Applied Plastics

Poly sulfone 系列塑料：PES(PESU)、PSU、PPSU

#### 高性能工程塑料用，耐高溫色母配色方案進程序

#### High-performance engineering plastics, high temperature resistant color masterbatch color scheme program

a. 高溫塑料與配色母粒基材結合性。

The combination of high temperature plastic and color masterbatch base material.

b. 耐高溫無機性顏色穩定性。

High temperature resistant inorganic color stability.

c. 高溫塑料與配色母粒基材決定配比，顏料分散均勻性與顏色穩定性。

The high-temperature plastic and color masterbatch base material determine the ratio, pigment dispersion uniformity and color stability.

d. 確認顏色的正確性後進行實驗機小量生產。

After confirming the correctness of the color, carry out small-scale production on the experimental machine.

e. 射出前相關烘乾程序後，進行射出顏色樣板，再次確認、比對顏色。

After the relevant drying procedures before injection, the injection processing is carried out to make a color sample, and the colors are confirmed and compared again.



成型模式

射出成型

押出成型

**Forming mode**

Injection Molding

Extrusion Molding

**物性 Physical properties**

Physical	Description
產品色澤 Product color	多種顏色 Many colors
<b>熔體質量流量 MFR</b>	
Melt Mass-Flow Rate(300°C×1.2KG)	8 g/10min
Melt Mass-Flow Rate(300°C×2.16KG)	20 g/10min
顏料含量 Pigment content	2~4%
水分含量 Moisture Content	< 0.24%
特性 characteristic	高溫塑料用 For high temperature plastics

**附加信息 Additional Information**

塑料推薦用量: 8~10% · 可以依需求調整適當的用量配比。

Recommended dosage of plastic: 8~9%, the appropriate dosage ratio can be adjusted according to demand.

**添加配比%數 Add proportion %**

塑料品名 Plastic product name /規格 Specification 數量 quantity KG ↓	色母品項#色號 數量 quantity Masterbatch Item #Color Number KG ↓	配比%數 Ratio % /
		***
		/
		/
***	其他添加品項與數量 Other added items and quantities KG ↓	***

※備註 Remark :

**包裝 Package**

外層牛皮紙+PP 編織袋、內層鋁箔包裝袋。防潮、抗光包裝袋 25KG。

Outer kraft paper + PP woven bag, inner aluminum foil packaging bag. Moisture-proof, anti-light packaging bag 25KG

**儲存方式 Storage method**

防止水氣、潮濕 · 儲存於密閉環境 · 避免陽光直射。

Prevent moisture and humidity, store in a closed environment, avoid direct sunlight.