

FLP9TYPE

耐高溫 LCP 專用色母粒

High temperature resistant LCP special masterbatch

樹脂 Resin	色母粒 Color Masterbatch
規格 Grade	FLP9-C9
來源 source	上禾伸企業

描述 Description

■FLP9-C9 是濃縮耐高溫有色顏料色粉，可用於 LCP 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 LCP 塑料結合性佳，影響 LCP 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。

FLP9-C9 is a concentrated high-temperature-resistant blue pigment toner, specially used for LCP plastics. It is a color masterbatch for high-temperature processing plastics. It has good dispersion and can withstand processing temperatures above 320°C. The color masterbatch has good combination with LCP plastic, which affects the low physical properties of LCP plastic. The dyeing pigment is inorganic toner, which can withstand high temperatures of more than 300°C and the injection and extrusion molding processing temperatures, and the color still maintains the original hue.

應用塑料 Applied Plastics

LCP Aromatic Polyesters resin(Liquid crystal polymer)

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

Forming mode

射出成型

Injection Molding

押出成型

Extrusion Molding

物性 Physical properties

Physical	Description
產品色澤 Product color	多種顏色 Many colors
熔體質量流量 MFR	
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.