



產 品 資 料
Technical Data Sheet

品名 Product: PET 與 PBT 用阻燃母粒 TBFR-14MB
Flame retardant masterbatch TBFR-14MB

1.基本性質 Basic characterization:

- | | |
|-------------------|------|
| 1.1 外觀 | 白色顆粒 |
| Appearance: | |
| 1.2 載體 | PBT |
| Carrier material: | |
| 1.3 預結晶 | OK |
| Pre-crystallized | |

2.技術性質 Technological properties:

- | | |
|--------------------|-------------------|
| 2.1 熔點 | 215°C±10°C |
| Melting point: | |
| 2.2 磷含量 | ≥14% (140,000ppm) |
| Phosphorus content | |

3.其它數據 Other data:

- 3.1 粒徑: 2.5-3.0 mm @H, 1.5-1.8 mm @Ø

Granule size:

- 3.2 計量方式: 依實際計量方式,定比例預混合 或 加料機計量

Metering: by premixing in a fixed ratio or by a dosing unit

- 3.3 用途: a) PET 紡絲或射出或擠出成型; 單絲或複絲或棉或膠片或薄膜或工業用絲

b) PBT 工程塑膠 對 PBT+30% GF,建議加 29% 可過 UL 94 V-0 @ 1.6mm

Uses: a) Spinning or Injection and extrusion molding of PET;

Mono or Multi Filament, Staple, Sheet, Film, HDI

b) PBT engineering plastics

For PBT+30% GF, recommended dosage is 29% to pass UL 94 V-0 @ 1.6mm

- 3.4 供應型態: 顆粒狀

Form supplied: Granules

- 3.5 添加量: 絲或棉: 4~5% 膠片:5~6% 薄膜:6~7% 工業用絲:3~4%

Dosage: Filament/Staple: 4~5% Sheet: 5~6% Film: 6~7% HDI: 3~4%

- 3.6 包裝: 25Kg/袋

Package: 25Kg/bag