

Reinforced PBT Retardant ER-M1443

ER-M1443 is a new halogen-free flame retardant developed for fiberglass reinforced PBT, which can achieve a V0 flame retardant level of 0.8-1.6mm. Its dosage level required to obtain V0@1.6mm is lower, compared with traditional flame retardants. Additionally, it affords a higher fluidity.

Physical Data

Item	Data
Phosphors content	22.63~22.83 wt.%
Sulfur content	0.11~0.21 wt.%
Nitrogen content	5.98~6.18 wt.%
Appearance	White powder
Thermally stable temperature	>300°C

Recommended Dosage

ER-M1443	UL 94 rating
15%	V0@1.6mm
16%	V0@0.8mm

Packaging

20kg/bag. Samples can be packed as required.

*The data recommended in this document can be used as a reference for various purposes. There will also be some amendments along with new technical improvements. Therefore, when designing the product, the use environment and structure of the product should be fully considered, and whether the product has any problems should be judged by the design company itself.