

PC Retardant DR-M565

DR-M565 is a new flame retardant developed for PC polycarbonate compounding products. DR-M565 does not contain any halogen, nor requires adding PTFE anti drip agents. Therefore, it is completely PFAS FREE. When used together with toughening agents, it can achieve V0 flame retarding level for PC at a thickness of 1.6mm without affecting its impact strength. This provides a perfect solution for PFAS FREE PC flame retardant.

Physical Data

Item	Data
Phosphors content	17.8~18.2%
Sulfur content	0.45~0.55%
Nitrogen content	11.5~12.5%
Thermally stable temperature	>320°C

Recommended Usage

Loading level	UL 94 rating
10~12%	V0@1.6mm

Processing

The processing temperature can be 5 °C~10 °C lower than the substrate

Packaging

The flame retardant is extruded into flame retardant masterbatch with a content of 30%, and the flame retardant masterbatch is 25kg/bag.

Samples can be packaged according to requirements.

*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.