



INNOVBLLEN

Technical Data List

Product Type: MPC-SF386

Brand: INNOVBLLEN YIMA

Application: Flame retardant masterbatch for pc film applications

Features and benefits:

- Achieve UL94 V-0, thickness of 0.175-0.5mm ,applied in PC
- Not contain PFOS,PFBS or other prohibited substances
- Excellent flame retardancy durability

Composition:

- PC,Siloxane flame retardant and sulfonate

Typical physical properties

| Physical properties | value | unite |
|---------------------|--------------------|---------|
| morphology | pellet | |
| color | White to off-white | |
| Volatile matter | <1 | % |
| MFR | 6-7 | g/10min |
| Impact strength | 380-400 | J/M |
| Elongation at break | 13-17 | % |

Overview:

- YIMA MPC-SF386 is recommended for halogen-free flame retardant masterbatch in PC-film, The product does not contain prohibited substances such as PFOS and PFBS,It is easy to use, Simply mixing it with PC raw materials,then granulated using a twin-screw extruder.

Application instructions:

| YIMA | Resin | Recommended |
|-----------|-----------------------|-------------------------------|
| MPC-SF386 | FR-PC 0.175mm VTM V-0 | 12-15% |
| | FR-PC 0.43mm UL94 V-0 | 20-25% |
| | FR-PC 0.8mm UL94 V-0 | 10-12% MPC-SF386+0.4% K-PT205 |
| | FR-PC 1.6mm UL94 V-0 | 5% MPC-SF386+0.4% K-PT205 |

Storage and Shelf life

- MPC-SF386 should be stored under 60°C (140°F) in a sealed condition ,shelf life is 24 months

Package

- 25KGS