

# TP-MLS802C Environmental Flame Retardant Masterbatch

## 1. Product introduction

TP-MLS802C is a flame-retardant masterbatch prepared with decabromodiphenylethane and high-purity antimony trioxide (99.8%) as the main raw materials, supplemented with flame-retardant synergists and other additives, and polyolefin as the carrier. It is easy to use , good dispersibility, the product fully complies with Reach, RoHS and other relevant environmental laws and regulations. TP-MLS802C flame retardant masterbatch is especially suitable for blow molding, cast film, drawing, wire, pipe and other thin products of polyolefin materials.

## 2. Product physical index

Project	Index
Appearance	white cylindrical particles
Density	$\geq 2.0$ g/cm <sup>3</sup>
Moisture and volatile matter content	$\leq 0.3$ %
Melt index (190° C, 2.16Kg)	7.0 g/10min

## 3. Product Features

1. TP-MLS802C has good compatibility with the substrate, and the surface of the workpiece is smooth and clean, without melting and white marks issues;
2. It can be directly mixed with resin for extrusion and injection molding, reducing dust pollution;
3. Avoiding defects such as uneven feeding, low output, and unstable product performance caused by the use of powder;
4. Fully comply with RoHS and other relevant environmental protection laws and EU REACH regulations.

## 4. Storage and transportation

1. The net weight of each package of this product is 25kg, and it is transported as an ordinary chemical.
2. The product should be stored in a dry and ventilated warehouse.

## 5. Dosage

- 1 、 LDPE 8-12%
- 2 、 HDPE 12-15%