

PRODUCT DATA SHEET

DURA™ FR-200

Antimony trioxide is a white fine powder and the main crystal structure is of cubical shape.

Properties

Item	Specification
Sb ₂ O ₃ , %	> 99.50
As ₂ O ₃ , %	≤ 0.06
PbO, %	≤ 0.10
Fe ₂ O ₃ , %	≤ 0.006
CuO, %	≤ 0.002
Se, %	≤ 0.002
White degree	95
Average size (um)	0.6-1.2

Applications

- It is widely used as a fire retardant in the membranes of plastic industry, the enclosures of electric devices and household electric appliances such as PVC, PP, PE, PS, ABS, PU, etc.
- Used as filling, covering agents and retardants for rubber, ceramics, enamels, fabrics, and fiber products.
- Used as pigments and retardants in oil paint and coating material industry.
- Used as retardants in synthetic resin and papers;
- Used as catalytic agent in organic synthesis.

Packaging

- Packed in 25 kilograms multiwall paper bags.

Storage

- Store in cool, dry place and ventilated place.

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