



# **Gromax Enterprises Corp.**

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## **GY-FR-SB** **Antimony Synergistic Flame Retardant**

### **Introduction**

GYC GROUP is a leading manufacturer of specialty chemicals in Asia.

We devote ourselves to supplying products and solutions to our customers worldwide to satisfy and expand the market needs.

GY-FR-SB Antimony synergist is mainly used as a synergist to increase the activity of halogenated flame retardant, or used with halogen-containing materials such as PVC (Polyvinyl Chloride).

### **Properties**

<b>GRADE</b>	<b>GY-FR-SB</b>
Physical State	Powder
Color	White
Specific gravity	5.4
Average particle size distribution	0.8-1.8 $\mu$ m
Melting Point	around 656 °C
Boiling point	around 1425 °C

### **Features/Benefits**

- Outstanding fireproof efficacy
- Excellent thermal stability
- Low volatility, high stability, no migration
- Halogen-free
- Can be used alone or in combination with other halides (such as polyvinyl chloride, Polychlorotrifluoroethylene) to enhance its fire resistance
- Strengthen the impact resistance and enhance the hardness of the finished product

## **Applications**

- PP, PBT,PE,LDPE, PVC
- Rubber, EVA, PU, MD, TPR
- ABS, PA
- CCL (Epoxy and polyimide)
- Polyester
- Rubber, elastomer
- Masterbatch
- Coatings, inks, resins, adhesives
- Back glue, fabric flame retardant

## **Adding Rate**

Recommended adding rate: 15~25%

The adding rate is to be regarded as a general guideline that can be adjusted according to type of material and the expected effect.

## **Packing**

25KG/BAG; 1MT/PLT

## **Storage**

Store in a cool, dry, and well-ventilated place. Seal tightly after use.