威科特瑞
发挥非金属资源无限潜能

Technical Data Sheet

TCP-CC-80

Synergistic

Flame Retardant

Product Overview: TCP-CC-80 is a product obtained by thoroughly mixing antimony trioxide and calcium carbonate after surface modification and activation through a special process. Calcium carbonate, a commonly used filler in plastic products, can enhance the hardness, rigidity, dimensional stability, and heat resistance of plastic products, while maintaining good whiteness. Its co-use with antimony trioxide does not affect the color of the final product.

Product Metrics

project	Unit	Value/ Description
Appearance	_	white powder
Whiteness	%	≥85
Average Particle Size (D50)	μm	1-2
Average Particle Size (D97)	μm	≤10
Moisture	%	≤0.5
Antimony Trioxide	%	80
Calcium Carbonate	%	20
Antimony Trioxide purity (Sb_2O_3)	%	≥99.8

Application area

Widely used in general plastics, engineering thermoplastics, wire and cable sheathing and insulation materials, elastomers, as well as thermosetting plastics such as PVC, PP, PE, ABS, PS, PU, etc.

Product Packaging and Storage

Packaging: The product is packaged in 25kg/bag kraft paper woven bags with inner plastic moisture-proof bags.

Storage: Store in a dry, well-ventilated warehouse, avoiding moisture, rain, and direct sunlight to prevent product clumping and deterioration.

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