



## *Product Description*

# **RCX 111270 Polystyrene (PS) Flame Retardant Masterbatch Halogenated**

### **INTRODUCTION**

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RCX 111270 is a flame retardant masterbatch containing a synergistic system of 75% flame retardant additives based on a polystyrene carrier for extrusion or injection molding applications.

### **BENEFITS**

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- RCX 111270 is provided in masterbatch form to facilitate handling and processing.
- Utilizes effective bromine and antimony chemistry.
- Cost effective flame retardant solution.

### **RECOMMENDED USAGE**

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Typical use levels will range from 10% to 20% depending on application, part thickness, and desired flame retardant performance.

The optimum additive loading in the final part depends on the specific processing conditions and environment the part is to be used in. The processor will need to confirm the optimum loading level for each particular end use.

### **STORAGE AND HANDLING**

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RCX 111270 does not require special storage or handling methods.

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This information is intended to be used only as a guideline for designers and processors of modified thermoplastics for injection molding. Because injection mold design and processing is complex, a set solution will not solve all problems. Observation on a "trial and error" basis may be required to achieve desired results.

Data are obtained from specimens molded under carefully controlled conditions from representative samples of the compound described herein. Properties may be materially affected by molding techniques applied and by the size and shape of the item molded. No assurance can be implied that all molded articles will have the same properties as those listed.

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