

Brominated Flame Retardant Masterbatch

Introduction

Nearly all plastics are based on hydrocarbon and are inherently flammable. Adding flame retardant additives is the most cost effective way to meet safety in applications required flame retardancy essentially.

Among other flame retardant additives, brominated flame retardants are the most commonly used due to its versatility. Brominated FR provides the best balance between flame retardant performance, mechanical properties, process ability and cost in use.

Brominated flame retardants masterbatches provides efficient FR solutions to meet various regulation requirements as well as giving outstanding performances to customer's products.

Product Benefits

- Excellent flame retardancy
- Good mechanical properties and thermal resistance
- Excellent glow wire resistance performance
- Good processability

Applications

- Wire and Cables, Cable jacketing
- Electronics/Electrical (Connectors, Appliances, etc.)
- Construction (Roofing, Insulation foams made of extruded Polystyrene)

Careful choice of the flame retardant for a particular polymer and application is needed.

Flame retardant additives must be chosen to function properly in the polymer they need to protect. Other properties of the flame retardant should also be considered.

The FR additives should be compatible with polymers. It should not impact on negative physical properties and ideally be effective at low addition rates.