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Going Abreast with Flame Retardant Masterbatch by [James Blee](#)

Article published on August 21st 2012 | [Business](#)

The flame retardant masterbatch is usually comes with high performance level and with UV compatibility. The product is usually formulated to process quite easily and brings in minimum impact on the tougher physical aspect of finished articles. Flame retardant masterbatches are used widely where resistant to ignition and burning are highly important,.

It is quite a common scenario where you find property damages and levels of injuries and fatalities on the rise due to fire outbursts. The fire retardants are used to ensure fire safety and prevention of fire hazards in fire prone zones. Read on to know about the varied applications of different types of fire retardant masterbatches and its extensive functions.

The masterbatches are available in varied special effects like marble effect, metallic effect, flour cent effect and pearl effect. The metallic effect flame retardant masterbatch adds glittering effect to the final product. The effect is actually generated by combining metallic flakes with the type of conventional solid coloring system. Whereas, the marble effect masterbatch includes additives with special types of characteristics. Remember, this is widely used in houses stocked with plastic goods or plastic good industries.

The pearl effect masterbatch includes certain pearl pigments that are varied in sizes and are usually used with silver, gold and other colours. It is mostly used for films, injection and blow molding. The flour cent flame retardant masterbatch includes flour cent pigments that actually emit flour cent lights in multiple colours. Now, this is also used in injection, films and molding.

You need to know this that there are bio-degreable masterbatches that are created by using organic corn starch and is used as an ingredient in eventually creating a particular product that is further used in making trays, cloth bag, forks, knives, combs and much more. Thus, now you know what is flame retardant masterbatch and its varied applications.

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Article Keywords:

flame retardant masterbatch