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PRODUCT DATA SHEET

Product Reference

DualGlo Purple JTE 5739
DualGlo Ltd Photo-luminescent Masterbatch
supplied in free flowing granules packed
in 25kg sealed containers.
Store in dry internal conditions.

Performance Characteristics

Day coloured, long after-glowing
Photo-luminescent Masterbatch in a
universal carrier for optimum dispersion

Use

DualGlo Purple JTE 5739 can be used either by feeding Masterbatch and Polymer into the processing equipment hopper directly or by pre-blending. The amount of Masterbatch added is dependant upon the intensity of afterglow required. Typical addition levels are 10 - 15%.

Application

DualGlo Purple JTE 5739 Day Coloured Photo-luminescent Masterbatch is based on high quality Alkaline Earth Aluminate and Organic Pigments which is fully dispersed in a universal carrier system. The uses for this type of Masterbatch are various and offer the processor the opportunity to develop new and exciting products both in the areas of safety and specialist applications. Polymers containing DualGlo Purple JTE 5739 will absorb the energy from Ultra Violet radiation, white light or natural day light which is known as excitation or charging. The intensity and length of afterglow is proportional to the excitation with the best effects achieved following exposure with good lighting conditions when fairly high levels of Lux and Ultra Violet Radiation are available. This stored energy is re-emitted in darkness as a yellow / green phosphorescent light, whilst under daylight or low light conditions visibility is enhanced and aesthetic qualities improved. DualGlo Purple JTE5739 is protected by a world wide patent application.

Additional Information

DualGlo Purple JTE5739 Masterbatch contains no radioactive materials and complies with BS EN71-3: 1995 Safety of Toys Standard.

This information is based on our present state of knowledge and is intended to provide general notes on our products and their application. It should not therefore be construed as guaranteeing specific properties of the described or their suitability for a particular application. Any existing industrial property rights must be observed.

The information in this sheet is to the best of our knowledge true and accurate, but all instructions, recommendations and suggestions are made without guarantee, since the conditions of use are beyond our control.

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