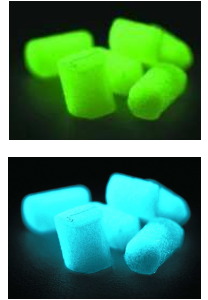


ADDITIONAL PROCESSING INSTRUCTIONS

The phosphorescent Storelite® Compounds are manufactured with sundry thermoplastics as carrier material. Basically the Storelite® Compounds may be processed with the same parameters as for the carrier material.

The phosphorescent pigment contained in the compound is very rigid and highly abrasive. Therefore the following processing advices should be followed:



To avoid that abrasion contaminates the compound during injection moulding or extrusion, Storelite® Compounds should be processed only on armour-plated tools. Abrasion particles generate a greying of the moulded part and may halve the afterglow performance.

AVOIDANCE OF ABRASION

Generally, the compound should be worked on the shortest way possible and processed gently. Shear stress must be avoided as far as possible.

Machinery, equipment and tools must be absolutely clean. The phosphorescent pigment acts like a purifying agent. Residues from former processes would be removed and spoil the compound. In addition to the negative aesthetical effects, the afterglow performance might be remarkably reduced.

CLEANLINESS

The pitch tolerance of the screw may have an influence on resulting abrasion.

SCREW

Storelite® Compounds should be processed at a temperature at the lower end of the range recommended for the carrier material. The appropriate temperature, which may depend on the equipment, has to be found out by trial processing.

PROCESSING TEMPERATURE

Colorants or dies should not be added, as they would reduce remarkably the afterglow performance. Use our special colour masterbatch for Storelite® Compounds or ask for a coloured Storelite® Compound.

COLOURS

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