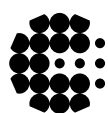


Masterbatches  
for PET straps



Global Colors

# Masterbatches Enhancing PET Strap Performance



Kritilen® masterbatches for PET straps offer a convenient way of incorporating colorants or specialty additives in straps, ensuring excellent dispersion which is essential for maximum coloring strength and performance.

## Products

The basic product line includes the following color masterbatches:

**a) Kritilen® GREEN PP51585.** It is a green masterbatch based on a special PP carrier, providing anti-split properties to the end product.

**b) Kritilen® GREEN PP51883 and 50640.** Both of them are green masterbatches based on a special polymer carriers, providing anti-split, weld enhancing and slip properties to the end product.

**c) Kritilen® GREEN PT51510.** It is a transparent green masterbatch based on a PET carrier.

Additionally, the basic product line includes the following black masterbatches:

**d) Kritilen® BLACK PPA932P.** It is a black masterbatch containing 30% P type carbon black on a special PP carrier. It also contains a selected package of antioxidants, which protect the end application polymer from thermal degradation during processing and end use. BLACK PPA932P offers anti-split properties to the end product. Due to its low particle size carbon black, it imparts better UV resistance to the strap.

**e) Kritilen® BLACK PT6302.** It is a black masterbatch containing 30% P-type carbon black on a PET carrier suitable for transparent black PET straps.

The production of PET straps requires the use of specialty additive masterbatches, which enable the end processor to optimize the production process and also improve the end product properties and functionality.

For this purpose, Global Colors. have developed the following additive masterbatches:



## Product Range

**f) Kritilen® CE9126.** It contains 15% of a versatile chain extender/compatibiliser with a medium to high epoxy functionality based on a special PET carrier. This allows for rapid reaction with condensation thermoplastics (e.g. PET), resulting in higher molecular weight and by that, low quality recycle can be upgraded.

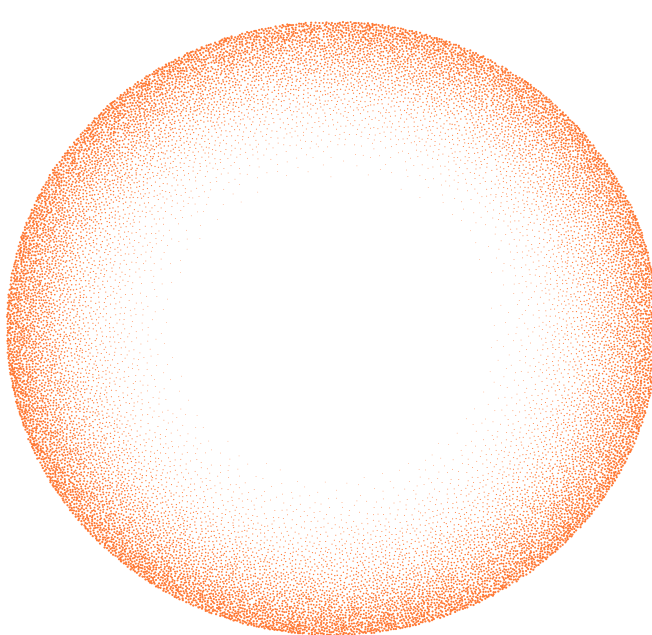
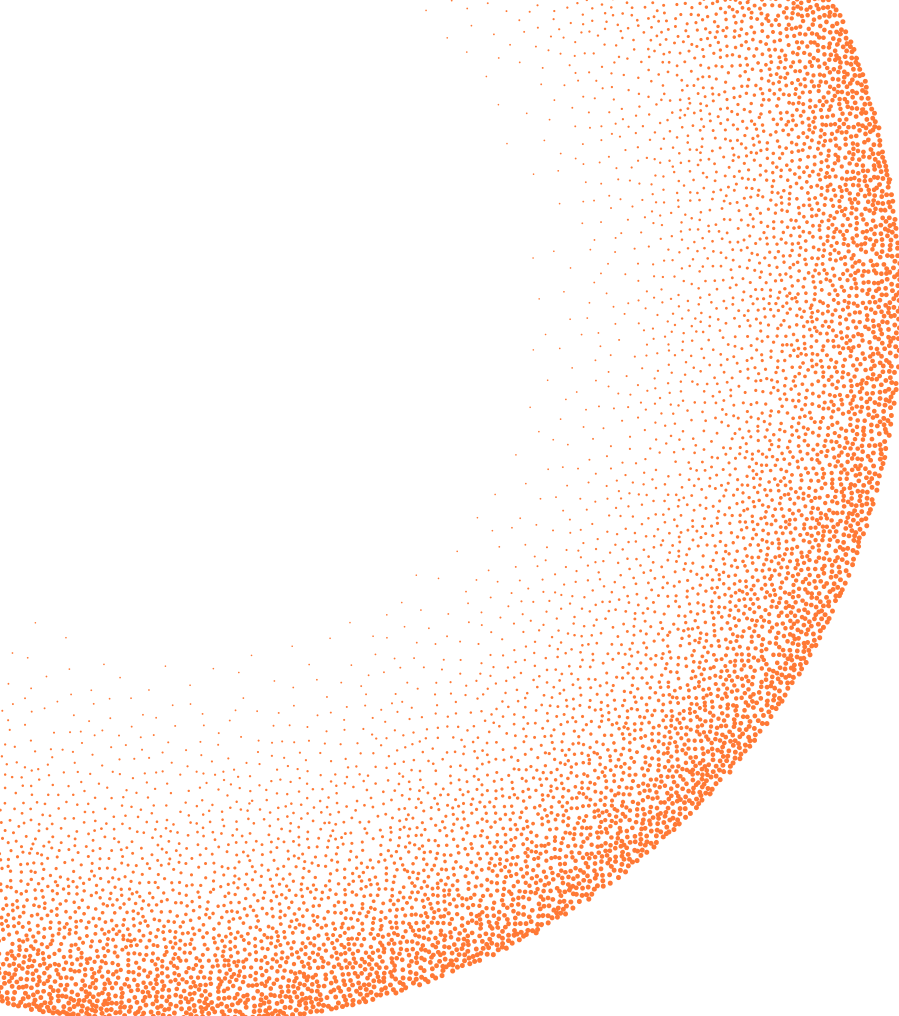
The proposed Kritilen® CE9126 addition rate is 1.0%-6.0%, depending on the recycled resin quality and proportion in the blend. Kritilen® CE9126 should not be used at processing temperatures exceeding 300deg. Celsius.

**g) Kritilen® WE PP9120.** It is a colorless additive masterbatch providing anti-split, weld enhancing and slip properties to PET straps. It can be used in combination with a color masterbatch.

The information and suggestions contained herein are the result of our experience, knowledge and research. They are believed to be reliable and are given in good faith. However, no warranty is provided, as the conditions under which our products are used are beyond our control.

KRITILEN® PET STRAPS	Color	Function	Food Approval	Addition rate
PP51585	Green	Green coloration and anti-split properties	Yes*	1%
50640	Green	Green coloration, weld enhancing, slip and anti-split properties	Yes*	1%
PP51883	Green	Green coloration, weld enhancing, slip and anti-split properties	Yes*	1%
PT51510	Green	Green coloration	Yes*	1%
PPA932P	Black	Black coloration, anti-split and UV stabilization properties	Yes	1% - 3% (for coloration and anti-split), 7 - 8% (for UV stabilization)
PT6302	Black	Black coloration, for transparent black PET straps	Yes	1% - 3% (for coloration and anti-split), 7 - 8% (for UV stabilization)
CE9126	Natural	Chain extender	Yes	1% - 6%
WE PP9120	Natural	Anti-split and weld enhancing properties	Yes*	1%

\* Detailed info upon request



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