REPI Laser Marker Remap Range

To overcome limits of laser marking on **thin-walled packaging**, like bottles and containers,

REPI has developed three different liquid additives for **PET/r-PET**:

LASER MARKER REMAP 00657

for **opaque colors** with high LDR

LASER MARKER REMAP 00658

for **clear** application: lowest color impact

LASER MARKER REMAP 00659

for **transparent colored** manufactures



- LDR from 0.05% to 0.2%
- EU and FDA approved for food contact

- **Logoplaste:** Test done with LM 00658 at 0.10% - positive feedback
- **Krones:** Test done with LM 00658 – positive feedback on marking speed
- **Husky:** Ongoing discussion for future collaboration
- **Niagara:** Interest shown: sampling ongoing
- **Serioplast:** Interest in the technology

Remap UV Absorber



UV radiation is one of the causes of alteration in taste, smell, colour and biological characteristics of products packaged in PET. Many products contain light sensitive ingredients, and PET alone cannot protect them from degradation.

The REMAP UV ABSORBER range provides a number of **grades that cover the different protection specifications** set by final product needs; this enables the customer to select the proper additive, optimising the cost/ benefit ratio while increasing shelf-life.

REMAP UV ABSORBERS capture UV radiation **from 300 to 400 nm**, providing different levels of protection, depending on the LDR and the packaging wall thickness.

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Main Applications

Vitamins Water Juices

Soft Drinks

Mayonnaise / Ketchup

Cream Condiments



Mouthwash

Personal Care Liquids



Laundry Detergents

Fabric Softeners

Dish Detergents



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Features & Benefits



- **UV Protection:** Provides effective protection against UV damage.
- **Suitable for Various Bottle Thicknesses:** Works well with different bottle thicknesses, including the thinnest ones.
- **Fully Compatible with Recycled PET:** Can be used with recycled PET materials without compromising performance.
- **Compliant with FDA and EU 10/2011 Regulations:** Meets the necessary regulatory standards for safety and quality.

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