

ADDITIVES
FOR RECYCLING

StabiPlusTM

PROACTIVE AID TO PET RECYCLING

REPI

Protects quality of PET recycling stream while opening wider **window for sustainability**.

The functional additive, acting as **proactive stabilizer**, prevents polymer from aging, cycle after cycle.

Protects PET from discoloration (such as yellowing and darkening) during recycling and processing

Limits the drop of L* value of the polymer

Remains active for **future recycling cycles**

No impact on **IV performance**

Offers **max flexibility**: dosage may vary according to application

Widens the window for sustainable use of recycled PET

Meets EU and FDA food contact regulations

StabiPlus™ REMAP 00485 must be used in an amount sufficient to ensure contact of the polyester with more than 0,134 % of the **StabiPlus™** REMAP 00485 per part of polyester whenever **StabiPlus™** REMAP 00485 is used in the presence of an acetaldehyde scavenger.

FOR PET RECYCLERS

Added to the recycling process **StabiPlus™** reduces discoloration without influencing the IV.

FOR PET CONVERTERS

Injection moulded preforms and extruded sheets:

StabiPlus™ protects PET and r-PET products from further discoloration.

FOR PET PRODUCERS

Added at the production phase, **StabiPlus™** proactively contributes to stabilize future cycles.

StabiPlus™



r-PET without additive

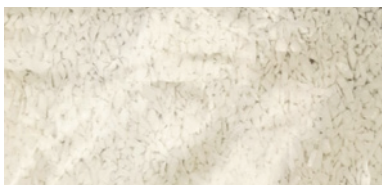
StabiPlus™
REMAP 00485 @0.2%

StabiPlus™
REMAP 00485 @0.3%

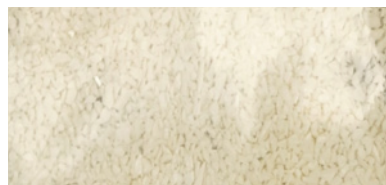
The picture shows bottles moulded with 100% r-PET from mechanical recycling process containing **StabiPlus™** REMAP 00485. This additive protects the PET polymer from the aging caused by the stress of the recycling process.



Virgin PET



r-PET after 1 recycling loop



r-PET after 3 recycling loops



r-PET containing 0.15%
StabiPlus™ REMAP 00485
after 1 recycling loop



r-PET containing 0.15%
StabiPlus™ REMAP 00485
after 3 recycling loops

The picture shows reduced yellowing and improved brightness of r-PET; **StabiPlus™** REMAP 00485 was added only at the 1st recycling loop.

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The logo consists of the word "REPI" in a stylized, white, outlined font. The letters are bold and blocky, with a modern, geometric feel. The 'R' and 'E' are connected at the top, and the 'I' has a small dot above it. The logo is set against a dark grey rectangular background.