



HCA
HOLLAND COLOURS



TINTMASK

MAKING RECYCLED PET MORE REUSABLE

Today's PET packaging players are jumping aboard the circular train by using more recycled PET to help close the loop. There is a problem though... The color of the recycled PET chips. But Holland Colours' Tintmask concept can neutralize the color cast.



THE COLOR ISSUES WITH RPET CHIPS

While virgin chips are clear, recycled ones come in a variety of color grades and corresponding prices. These color differences are caused by remainders from their first life contaminating the recycled material. The most contaminated and so lowest value chips are yellow/green/blue color. The clearer the recycled plastic is, the higher the price – to the point where high quality rPET is often more expensive than virgin PET. The result is that it can make more sense for processors and brand owners to use virgin PET simply to remain cost competitive.



HOLLAND COLOURS HAS THE SOLUTION...

Holland Colours' Tintmask neutralizes the color cast of rPET, based on the principle of 'complementary colors'. Blended colorants in the Tintmask line balance the negative tinge often associated with rPET, bringing the finished product back to a consumer-accepted look. These colorants will not migrate or sublimate in a high vacuum process and are available in liquid and solid formats. Our Tintmask products have been designed for use in rPET and are in regulatory compliance with EU and FDA directives.



HOW TO APPLY TINTMASK?

Holland Colours' Tintmask can be used in recycled PET, whether the material is flake or granule, and dosed directly on-line, either on the extruder during the melt-compounding process, at the preform molder, or at the sheet and fiber extruder.

Tintmask	Designed for	Masking power	Optical Brightner	Color	FastHeat	TasteGuard
Tintmask IM	Injection molding	✓✓✓				
Tintmask RM	Mechanical recycling	✓✓✓	• *			
Tintmask Custom	Mechanical recycling and injection molding	✓✓✓	• *	•	• **	•

* Optional ** FastHeat Classic IM - FastHeat Sort IM - FastHeat Sort RM

FIND OUT MORE

Contact our sales people about purchasing quantities and deliveries, or our technical experts for information about our technology and its implementation:

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TINTMASK BENEFITS AT A GLANCE



Neutralizes off-tint of rPET

- ✓ Increased sourcing flexibility
- ✓ Higher value of rPET



Flexible dosing

- ✓ Greater batch-to-batch color consistency



Complimentary technical support

- ✓ Color matching at our laboratories



TINTMASK

Widening the applicability of rPET in bottles, whilst maintaining your brand's appearance. Increasing circularity by offsetting undesired color tones in rPET.