



LIGHTGUARD

PROTECTION THROUGH SCIENCE

FOR PET PACKAGING APPLICATIONS

Many consumer products are sensitive to UV light - but we can help protect them. Available in solid and liquid formats, our LightGuard can be used alone or with other additives or colorants to get the right coverage. Whether your product quenches a serious post-game thirst or cleans a grungy soccer jersey, we'll help you keep it going strong from creation to consumption and cleanse.



PROBLEM SOLVING SOLUTION

Over time, Ultraviolet (UV) light can break down your product's best features and natural PET doesn't block UV light on its own. For this reason, we created LightGuard to help protect your product's color, flavor, and nutrients.



PROTECTING BRAND INTEGRITY

We know your product's protection must be part of the plan, but your brand identification is foremost for marketing continuity. We support your product's UV security along with the colorant best fit for the job. From a clear single-serve juice bottle to a colored detergent container to an earthy natural oil, the contents are protected while your brand is promoted.



OPTIMIZED PROCESSING

As with our other offerings, LightGuard provides highly accurate and consistent online dosing. With easy implementation, there is a noticeable cost reduction due to shorter downtime when compared to competitive additives.

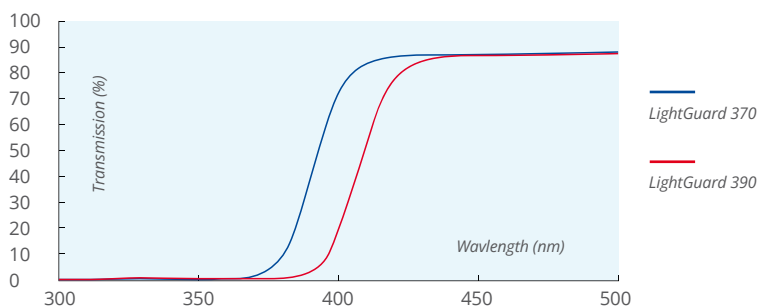


ALONE OR WITH COLORANTS

LightGuard was created as a standalone product but we also offer it pre-colored in several standard products. Of course, we can always custom-match based on your specific product need.

LightGuard	Designed for	UV Protection	Visible light Protection	Available in a wide range of shades	Oxygen Barrier Compatible
LightGuard 370	brand protection, solid product suitable for injection molding	up to 370 nm			
LightGuard 370 Plus	brand protection, solid product suitable for injection molding	>370			
LightGuard 390	brand protection, liquid product suitable for injection molding	up to 390 nm			
LightGuard RGB	brand protection, solid product suitable for injection molding	up to 400 nm	400 to 700 nm	•	
LightGuard RGB OXN	brand protection, solid product suitable for injection molding	up to 400 nm	400 to 700 nm	•	•

LightGuard 370 & 390 - 0.3 mm bottle wall



FIND OUT MORE

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

AMERICAS:

richmond@hollandcolours.com
+1 765 935 0329 /
toll-free: +1 800 723 0329

ASIA:

surabaya@hollandcolours.com
+62 31 849 3939

EUROPE:

info@hollandcolours.com
+31 (0)55 36 80 700

www.hollandcolours.com



DISCLAIMER

The information contained in this document has been prepared for presentation and promotional purposes and should only be used for guidance. This information should not be considered as a guarantee under any circumstances. Holland Colours makes no warranty, expressed or implied and gives no permission to practice any patented invention without a license and assumes no legal liability or responsibility for the accuracy, completeness or usefulness of any information contained herein and cannot accept liability for any injury, loss or damage resulting from reliance upon such information. If additional information is required, please contact your local Holland Colours' sales representative or visit our website: www.hollandcolours.com.



LIGHTGUARD

Protecting against UV degradation