



## ➤ PRODUCT SELECTION GUIDE

### **CESA™ Light Additives** **Light Stability**

Exposure to the sun, heat, and oxygen through outdoor exposure causes the degradation of the polymer, resulting in yellowing, loss of melt strength, and loss of mechanical properties in most resins. CESA™ Light additives can protect the resin in multiple ways. One method is through the use of stabilizers that react with radicals created from UV exposure, inhibiting polymer degradation. The other method is via UV absorption. CESA Light

with UVA present absorbs the harmful UV radiation and dissipates it as harmless thermal energy. It is effective at protecting the resin and, if needed, the contents. CESA Light additives are available utilizing either of these two methods or with a synergistic blend of both. Many CESA Light products include CESA Nox additives, which also aids in polymer protection.





## CESA LIGHT – STANDARD OFFERINGS

POLYMER FAMILY	MATERIAL	PRODUCT NAME	PRODUCT TYPE	DOSAGE
Polyolefin	PEA0820040	CESA Light PEA0820040	Stabilizer/Absorber	0.5–1.2%
Polyolefin	PRAN698456	CESA Light 7102	Stabilizer	1–4%
HOPP	PPA0820048	CESA Light PPA0820048	Stabilizer/Absorber	1–2%
HOPP	PPAN698522	CESA Light 7225	Stabilizer	1–4%
Nylon	ABA0820033	CESA Light ABA0820033	Stabilizer/Absorber	0.6–1.4%
Nylon	ABAN698415	CESA Light 1574	Stabilizer	1–2%
Polyester	FPA0687372	Hiformer™ Blocker (liquid)	Absorber to 390 nm	0.05–0.10%
Polyester	NBA0820025	CESA Light NBA0820025	Absorber	0.5–2%
Polycarbonate	NCA0820016	CESA Light NCA0820016	Stabilizer/Absorber	0.75–3%
Polycarbonate	NCA0820017	CESA Light NCA0820017	Absorber	1–5%
TPU	RUA0820018	CESA Light RUA0820018	Absorber	2–4%
TPU	RUA0820030	CESA Light RUA0820030	Stabilizer/Absorber	2–4%
Styrenic	SLA0820013	CESA Light SLA0820013	Stabilizer/Absorber	1–3%
Styrenic	SLA0820012	CESA Light SLA0820012	Stabilizer	1.5–5%

CESA Light additives can be used in combination with other CESA masterbatches, and formulations can be customized for most applications. Some formulations are specific for use in U.S. and Canada. Contact your sales representative for more information, or to learn more about custom solutions for your application.

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