PRODUCT SELECTION GUIDE

CESA™ Nox Additives
Stabilization

Exposure to heat, shear and oxygen during processing causes the creation of free radicals from the polymer. These free radicals rapidly react with other polymer chains, propagating the degradation of the polymer and resulting in yellowing, black specks, loss of melt strength, and mechanical properties in most resins. CESA™ Nox additives target the free radicals, terminating the oxidation reactions and preserving the polymer properties through one or more processing steps or cycles, including recycling. CESA Nox is particularly suited to prevent further degradation of post-industrial and post-consumer recycled materials, allowing for more stable material and easier processing.

CESA NOX – STANDARD OFFERINGS

POLYMER FAMILY	MATERIAL	PRODUCT NAME	DOSAGE
Polyolefin	PEA0820031	CESA Nox PEA0820031	0.5–1%
Polypropylene	PPA0820055	CESA Nox PPA0820055	0.5–1%
Polyamide	ABA0820029	CESA Nox ABA0820029	0.5–1%
Polyester	NBA0820022	CESA Nox NBA0820022	0.5–1%
Polycarbonate	NCA0820015	CESA Nox NCA0820015	0.5–2.5%
Styrenic	SLA0820009	CESA Nox SLA0820009	0.5–2.5%
TPU	RUA0820029	CESA Nox RUA0820029	0.3–1.5%

CESA Nox 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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