

PRODUCT OVERVIEW

A concentrated primary/secondary antioxidant masterbatch for improving process stability and thermal-oxidative retention in virgin and reprocessed polyolefins.

Base / family	Masterbatches and Additives	Primary process	Dosing / compounding
Supply form	Pellets	Standard colour	Natural

TYPICAL PROPERTIES

Property / condition	Test method	Typical value	Unit
Total antioxidant package	HPLC / formulation assay	20	wt.%
Primary : secondary antioxidant	Formulation assay	1 : 1	nominal
Carrier polymer	FTIR	PE or PP variant	
MFR, PE variant, 190°C/2.16 kg	ISO 1133-1	10	g/10 min
MFR, PP variant, 230°C/2.16 kg	ISO 1133-1	18	g/10 min
Moisture / volatile content	ISO 15512	≤ 0.20	wt.%
Recommended addition	End-use trial	0.5-1.5	%

Unless otherwise stated, standard specimen preparation and conditioning apply. Typical values are representative and are not minimum specification limits.

APPLICATIONS - Film reprocessing - Re-pelletising - Moulding and extrusion compounds	KEY BENEFITS - Balanced phenolic/phosphite package - PE and PP carrier variants - Low-colour formulation
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PROCESSING GUIDELINES

Dose gravimetrically at 0.5-1.5%, according to resin condition, heat history and required stabilisation. Confirm compatibility with pigments, fillers and other additive packages.

PACKAGING AND STORAGE 25 kg PE-lined bags on pallets. Store dry, below 40°C, away from sunlight and direct heat. Recommended shelf life: 12 months in unopened packaging.	REGULATORY DOCUMENTATION Current safety and grade-specific regulatory documentation is available through Technical Service for the intended application and market.
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The information in this document is provided for material selection and processing guidance. Suitability for a specific design, process and end use should be confirmed by the user under actual service conditions.