

PRODUCT OVERVIEW

A concentrated light-stabiliser masterbatch for improving outdoor durability of polyethylene film, rotomoulded products and moulded parts.

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

TYPICAL PROPERTIES

Property / condition	Test method	Typical value	Unit
Active light-stabiliser package	HPLC / formulation assay	20	wt.%
Carrier polymer	FTIR	LLDPE	
Density, 23°C	ISO 1183-1	0.935	g/cm ³
Melt flow rate, 190°C/2.16 kg	ISO 1133-1	15	g/10 min
Moisture / volatile content	ISO 15512	≤ 0.20	wt.%
Recommended addition	End-use trial	1.0-3.0	%

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

APPLICATIONS • Agricultural and packaging film • Rotomoulded products • Outdoor mouldings and profiles	KEY BENEFITS • 20% active light-stabiliser package • Low-colour formulation • PE-compatible carrier
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PROCESSING GUIDELINES

Dose gravimetrically into compatible polyethylene. A typical addition level is 1.0-3.0%; the final dosage depends on thickness, pigment, climate and required service life.

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.