



UV STABILIZER MASTERBATCH

SP7151 0002

Characteristics:

- PE based UV masterbatch for improved resistance to UV degradation
- It is a dispersion of polymeric HALs in LDPE, free from mineral fillers, waxes and other lubricants

Applications:

- Tarpaulin
- Woven sack
- Green house films
- Telecommunication ducts

Material Status	:	Commercially Active
Agency Ratings	:	-----

PROPERTY	ASTM TEST METHOD	TEST CONDITION	VALUE	UNIT
Melt Flow Index	D1238	190°C/2.16kg	20	gm/10min
Density	D792	-	0.96	gm/cc
Active Content			20	%
Moisture Content	SPL	-	<0.1	%
Carrier Resin	-	-	PE	-
Compatibility	-	-	LLDPE, LDPE, HDPE	-
LDR*	-	-	2-5	%

* The amount of masterbatch added depends on the performance requirements of the final application.

Method of Addition :

Grade is designed for ease of dilution and homogeneous mixing and is therefore suitable for direct addition using dosing units or by pre-blending

Typical Performance Data

Polymer	LDPE Film- 120 micron thick/colorless
Exposure	130 kLy/ year- aluminium support
Evaluation	50% retention of tensile strength
Blank LDPE	32 kLy
LDPE + 2% SP7151 0002	160 kLy
LDPE + 3% SP7151 0002	180 kLy

Packaging :

This product is supplied in regular pellet form packed in 25 Kg bags. SPL recommends storing of material in cool and dry place shaded from sunlight and heat.

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