

DATA SHEET / SPECIFICATIONS
ANTI UV MASTERBATCH
UV 7 BAR

UV 7 Bar is a masterbatch containing UV Absorbers in a LLDPE carrier resin. Masterbatch absorbs the UV radiation and gives excellent optical properties.

SPECIFICATIONS

% Anti-UV	17.8 - 18.0	MO211-700*
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TYPICAL ADDITIONAL PROPERTIES

<i>Appearance</i>	<i>Slightly greenish pellets</i>	
<i>Melt Index (190°C / 2,16 kg)</i>	10	MO 1-700*
<i>Specific gravity g/cm³</i>	1.15	MO13-700*
<i>Bulk density</i>	0.63 - 0.66	MO28-700*
<i>Ash content</i>	25 - 27	MO5-700*

* POLYTECHS internal method

USAGE

UV 7 bar can be easily processed on both blown and cast film extrusion lines.
 For thin films (about 20 µm) tests may be performed. UV7 Bar is used in shrink-wrap films to prevent both discoloration and loss of properties of contents.

RECOMMENDED ADDITION RATES

The table below represents recommended UV 7 Bar concentrations for different film thickness' and the corresponding light stability (Kly) :

Quantity (%)	Film 50 µm	Film 100 µm	Film 200 µm
1	30 kly	80 kly	130 kly
2	50 kly	150 kly	200 kly
4	100 kly	200 kly	300 kly
6	150 kly	320 kly	500 kly

Reminder: 140 Kly = 1 year in Florida 190 Kly = 1 year in Arizona

PACKAGING

Product is normally packed in 25 kg PE bags on 1375 kg shrink-wrapped pallets.

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