



16E Tuas Avenue 1, #05-61, JTC Space@Tuas Singapore 639537. Tel: +65 6397 5001

## TECHNICAL DATA SHEET

# UV70333

### DESCRIPTION

Light stabilizer masterbatch with a synergistic combination of a polymeric HALS and UV absorber. This product is suitable for stabilization of Polyolefin and PVC products.

CHARACTERISTIC	UNIT	TYPICAL VALUE	METHOD
<b>Physical</b>			
Density at 23°C	g/cm <sup>3</sup>	0.94	ASTM D792
Appearance	-	Granule	Visual

### APPLICATIONS

UV 70333 can be universally used for the economic stabilization against weathering of Polyolefin and PVC products. The main use is packaging (heavy duty bags and shrink film) and greenhouse (low end quality), cables or sheets.

Even at high concentration needed for long life films no effect on welding, bolding and printing proprieties is to be expected.

Addition levels of UV 70333 depend on various factors such thickness of the film, expected service life and climatic conditions. Range could vary from 1,0% to 10,0%.

It should always be considered that additives such IR treatments may have a negative influence of the service life of the film (high presence of Iron). Halogenated flame-retardants always affect the light stability. Pigments can also play a negative role.



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### STORAGE AND SHELF LIFE

UV70333 normally has 12 month shelf life from the date of manufacture. However, the following precautions should be observed.

- Packaging should remain sealed
- Avoid storage outside and in direct sunlight
- Use within 8 hours of opening packaging

Synergychem PTE LTD accepts no liability of any kind in case the above mentioned conditions are not fulfilled.

### TRANSPORT

Not regulated for the transportation.

### PACKAGING

Product is available in 25kg PE bag on pallet. Different packages are available on customer request. Product is stable if maintained in the original sealed bag and under ordinary storage conditions.

Normal precautions to a good industrial hygiene and safe working place are, generally, sufficient in handling the preparation, however all operators are kindly requested to handle, use and dispose all wastes of the preparation in accordance with the information reported on SDS.