



Technical Datasheet

Product: Anti-UV Polyethylene Masterbatch

Grade: C1PE-UV1

Product Description:

C1PE-UV1 is a blend of polymeric anti UV additives in a polyethylene carrier. It is mainly used to give UV protection to polyethylene films. The active ingredient consists of a combination of HALS, UV absorber and antioxidant additives. C1PE-UV1 giving very good UV protection to polyethylene.

Appearance:

| | |
|-----------------------|-----------------|
| Polymer Compatibility | PE |
| Appearance | Granule |
| Color | Slightly Yellow |
| Anti UV Content | 10% |

Physical Properties:

| Properties | Unit | Value | Standard |
|-----------------------|-------------------|-------|-----------------|
| MFI (190°C , 2.16 Kg) | g/10min | 0.9 | ASTM D1238 |
| Specific Gravity | g/cm ³ | 0.95 | ASTM D792 |
| Melting Point | °C | 120 | Internal method |

Dosage: For each year of UV protection, 3% is recommended.

Note: The information provided in this data sheet is based on our present state of knowledge and is estimated by Payesh C-One Polymer Co.. This information should not be used as guaranteeing specification limits. Payesh C-One Polymer Co. make no warranty and liability in connection with any use of this information.