



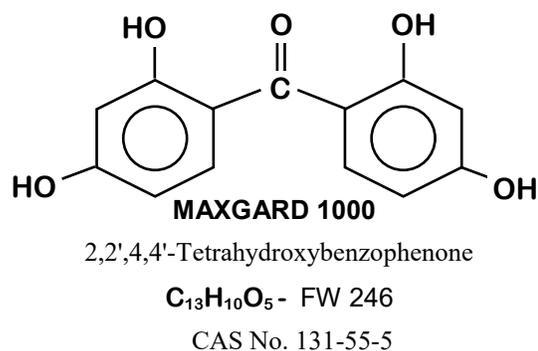
MAXGARD® 1000

UV Stabilizer (131-55-5) Benzophenone-2

Technical Information

181 Cooper Drive
El Dorado, AR 71730
(870)881-5000

MAXGARD 1000 is an effective light stabilizer for protecting plastics and coatings from the damaging UV radiation which is a component of natural sunlight. It is very compatible with plastic optical lens materials and is very useful as a UV screen in these products. **MAXGARD 1000** has a very broad absorption band which extends into the UV-A range.

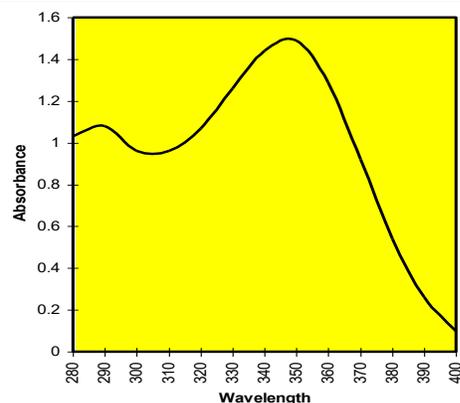


Applications

- Plastics** - Plastic optical lenses
- Coatings** - Polyurethanes, Oil paints
- Adhesives** - Acrylic
- Costmetics/Perfumes**—Product Protection

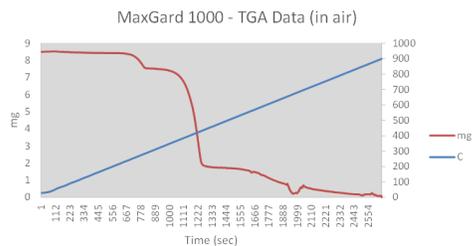
MAXGARD 1000
UV Absorbance

25 mg/l in
Methanol



Physical and Chemical Properties

Physical form - Light yellow powder
Melting Point - 195-202.5°C
Mass Density - 1.21 g/cm³ at 25°C
Std. K-Value - 61 at 344 nm
TGA Data –Mass Loss
1% mass loss (218.14°C)
5% mass loss (265.35°C)
10% mass loss (280.05°C)



The product is available in 50kg fiber drums (5 drums per pallet).

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