

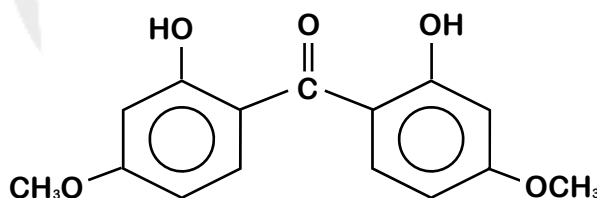
MAXGARD[®] 300 (Benzophenone-6)

DESCRIPTION

MAXGARD 300 is an effective light stabilizer for protecting plastics and coatings from the damaging UV radiation which is a component of natural sunlight. It is effective in increasing the lightfastness of dyes on both polyester window film and polyester fabrics. It is especially useful for decreasing the UV transmittance of polyester window film. **MAXGARD 300** is lower in cost than equivalent tetra-substituted benzophenone UV stabilizers.

TYPICAL PROPERTIES

Physical form	Light yellow powder
Melting Range	130-132°C
Mass Density	1.34 g/cm ³ at 25°C
Absorptivity	48 at 339 nm
Solubilities (wt./wt.% at 30°C)	
Water	Nil
Methanol	< 1
Ethyl acetate	5
Methyl ethyl ketone	5
Toluene	5



MAXGARD 300

2,2'-Dihydroxy-4,4'-dimethoxybenzophenone

C₁₅H₁₄O₅ - FW 274

CTFA - Benzophenone 6 CAS No. 131-54-4

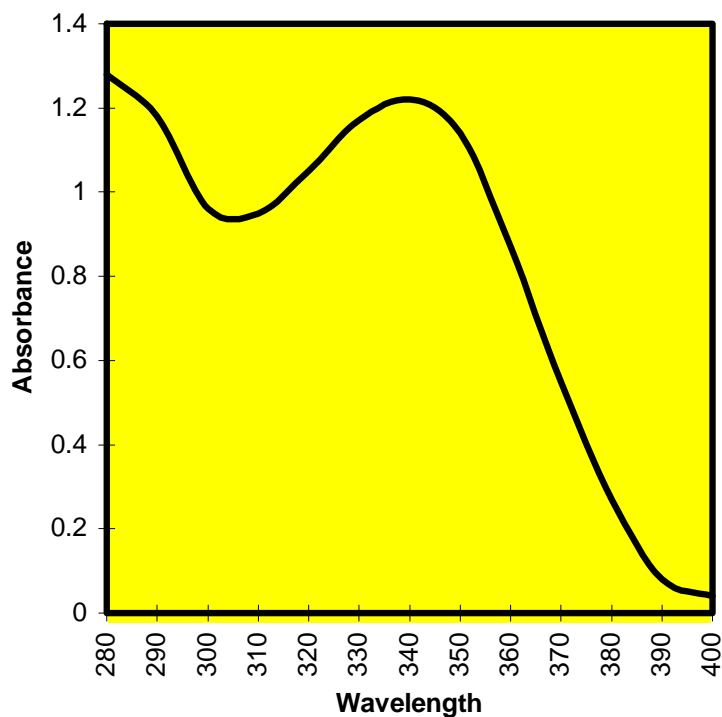
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APPLICATIONS

Plastics	Polyester film, Rubber
Coatings	Polyurethanes, furniture stains and varnishes, nitrocellulose lacquers, fluorescent pigments, photographic emulsions
Adhesives	Acrylic
Textiles	Dyed Polyester fabrics

MAXGARD 300 UV Absorbance

25 mg/l in
Methanol



PACKAGING, SHIPPING & AVAILABILITY

The standard package size of Maxgard® 300 is 50kg fiber drums.

NOTE: MSDS's for our products may be requested thru the website www.syrgisps.com.

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