

BOGIUV™ 81

ULTRAVIOLET LIGHT ABSORBER

PRODUCT IDENTIFICATION

Chemical Name: Methanone, 2-hydroxy-4-(octyloxy)-phenyl
Physical Form: Slightly yellow powder
CAS Number: 1843-05-6

BOGIUV™ 81 is a highly effective ultraviolet light absorber that supports the light stability of polymer systems.

SPECIFICATION

Properties	Test Methods	Units	Values
Melting Range	-	°C	48-49
Solubility in Water (25°C)	-	g/100 g solvent	<0.01
Solubility in Ethanol (25°C)	-	g/100 g solvent	3.5
Solubility in Acetone (25°C)	-	g/100 g solvent	43
Solubility in Ethyl Acetate (25°C)	-	g/100 g solvent	44
Solubility in Toluene (25°C)	-	g/100 g solvent	>50
Solubility in Hexane (25°C)	-	g/100 g solvent	12

APPLICATIONS

- LDPE, LLDPE and EVA greenhouse films
- Polypropylene and TPO thick sections
- Flexible PVC
- Thermoset polyesters
- High-performance industrial coatings
- PE, PP, PS and PC
- PP fibres
- Ethylene-vinyl acetate

PACKAGING & STORAGE

- **Packaging:** 1 pallet: 600 kg or 700 kg.
- BOGIUV™ 81 should be stored away from direct sunlight and heat ($T < 30^{\circ}\text{C}$). The product should be used within 12 months of its production date.

IMPORTANT NOTICE

Please read the Material Safety Data Sheet (MSDS) carefully before using this product.