

M Chemical GUARD DOGâ„ç UV531 Light Absorber (Flake or Powder), Benzophenone Derivative

Category : Other Engineering Material , Additive/Filler for Polymer

Material Notes:

GUARD DOGâ„ç UV531 (flake or powder) light stabilizer is a derivative of Benzophenone that has an exceptionally strong and broad-range of UV absorption properties (UV A 315 -400 nm and UV B 290 - 314 nm) throughout the UV spectrum. It is a highly efficient UV absorber and is recommended for thermoset plastics and coatings that function as ultraviolet screens for photosensitive substrates. It offers maximum polymer protection and low color contribution, retards yellowing and loss of physical properties. It is recommended for thick films (> 100 mm). Applications: Extremely effective in PE (film tape, injection and rotational molding, metallocene), PP (film, tape, fiber, injection molding), TPO, PVC (rigid and flexible), ABS resin, PU, Phenolic resin, Paraffin, Rubber. Performance Benefits: Strong and broad UV absorption with low color contribution and no loss during processing Performance synergy with HALS. Does not migrate to the surface. Excellent compatibility with polymers and other stabilizer chemistries, especially with polyolefins. Typical Properties: Free flowing powder and flake Solubility (g/100g @ 25Â°C): Acetone 74.3, Benzene 72.7, Ethyl Acetate 180, MEK 65, Toluene 70

Order this product through the following link:

http://www.lookpolymers.com/polymer_M-Chemical-GUARD-DOG-UV531-Light-Absorber-Flake-or-Powder-Benzophenone-Derivative.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.16 g/cc @Temperature 20.0 Â°C	1.16 g/cc @Temperature 68.0 Â°F	
Particle Size	<= 0.329 Âµm	<= 0.329 Âµm	
Molecular Weight	326.43 g/mol	326.43 g/mol	
Absorption Coefficient	<= 31.7	<= 31.7	10 mg UV/l of Toluene

Thermal Properties	Metric	English	Comments
Melting Point	47.0 - 49.0 Â°C	117 - 120 Â°F	

Descriptive Properties	Value	Comments
CAS Number	1843-05-6	
Molecular Formula	C ₂₁ H ₂₆ O ₃	
Name	2-hydroxy-4-n-octoxybenzophenone	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China