

## M Chemical GUARD DOGâ„¸ UV770 HALS Light Stabilizer

Category : Other Engineering Material , Additive/Filler for Polymer

### Material Notes:

GUARD DOGâ„¸ UV770 unhindered amine light stabilizer is a highly effective radical scavenger that protects polymers against degradation caused by exposure to UV radiation. Applications: Extremely effective in PP, SAN, ASA, SBS, PS, polyurethanes, polyamides and polyacetals and is recommended for thick section and film applications. Combined with other UV Absorber and Antioxidant products, GUARD DOGâ„¸ UV770 shows strong synergistic effects. Typical Properties: Product Form - Free flowing white crystalline granules/powder Solubility@ 20Â°C (g/100ml solvent): Acetone - 19, Water - 0.001, Hexane - 5, Methanol - 38, Ethyl acetate - 24

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_M-Chemical-GUARD-DOG-UV770-HALS-Light-Stabilizer.php](http://www.lookpolymers.com/polymer_M-Chemical-GUARD-DOG-UV770-HALS-Light-Stabilizer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.05 g/cc	1.05 g/cc	
	@Temperature 20.0 Â°C	@Temperature 68.0 Â°F	
Molecular Weight	480.73 g/mol	480.73 g/mol	

Thermal Properties	Metric	English	Comments
Melting Point	80.0 - 86.0 Â°C	176 - 187 Â°F	
Flash Point	>= 150 Â°C	>= 302 Â°F	Ignition

Optical Properties	Metric	English	Comments
UV Transmittance	>= 98 %	>= 98 %	10g/100ml of Toluene
	@Thickness 0.425 mm	@Thickness 0.0167 in	
	>= 99 %	>= 99 %	10g/100ml of Toluene
	@Thickness 0.500 mm	@Thickness 0.0197 in	

Descriptive Properties	Value	Comments
CAS Number	52829-07-9	
Molecular Formula	C <sub>28</sub> H <sub>52</sub> N <sub>2</sub> O <sub>4</sub>	
Name	Bis (2,2,6,6,-tetramethyl-4-piperidyl) sebaceate	
Recommended Dosage	0.15 - 0.60%	depending upon the substrate and performance requirements

Contact Songhan Plastic Technology Co.,Ltd.

**Website : [www.lookpolymers.com](http://www.lookpolymers.com)**

**Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)**

**Tel : +86 021-51131842**

**Mobile : +86 13061808058**

**Skype : lookpolymers**

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