

LOWILITE™ 22 UV absorber

Ultraviolet Light Absorber

Description

LOWILITE™ 22 UV absorber is an ultraviolet light absorber belonging to the benzophenone class of UVAs.

Chemical Name

2-Hydroxy-4-octoxybenzophenone

CAS-Nr.

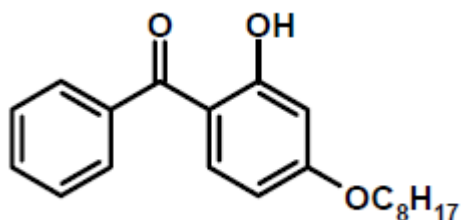
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EINECS-Nr.

217-421-2

Formula

LOWILITE™ 22 UV absorber



Typical physical properties of LOWILITE™ 22 UV absorber

Appearance	Pale yellow powder
Melting range [°C]	47 – 50
Molecular weight [g/mol]	326
Bulk density [kg/m ³]	~400
Flash point, °C	475

Solubility (g/100g solvent) @ 25°C

n-Hexane	44	Benzene	70
Ethyl Acetate	90	Water	<0.1
Acetone	87	Ethanol	2
Methanol	2.5	Methyl Ethyl Ketone	60
Dioctylphthalate	20	n-Heptane	50
Toluene	>100	Chloroform	42
Water	<0.1		

Thermogravimetric Analysis (10 mg @ 10°C/minute under N₂)

Weight Loss [%]	5	10	25
Temperature [°C]	220	233	255

Application

LOWILITE™ 22 UV absorber is effective in polyolefins, including low and high density polyethylene, polypropylene, olefin copolymers (EPR, EPDM, EVA), and other polymers including polyvinyl chloride, polyesters, natural and synthetic resins, polystyrene and ABS.

Food Contact

For details please contact SI Group Regulatory Affairs Polymer Additives.

Handling and Storage

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool, dry, well-ventilated area away from incompatible materials. Unless otherwise stated, the shelf life of the product is 2 years when it is properly stored.

For additional handling and toxicological information consult the SI Group Material Safety Data Sheet.