



UV absorbent Benzophenone derivatives

ZISLIZER is a benzophenone type UV absorber. It effectively absorbs only the ultraviolet portion of the light and is effective in preventing sunburn of human skin, fading and deterioration of dyes, textiles, paints, and plastics.

ZISLIZER-M : Oil-soluble type UV absorbers

ZISLIZER-E : Oil-soluble type with higher affinity to resin UV absorbers

Main applications

- ①Sunblock cream
- ②Anti-fading agent for dyes, fibers, inks, plastics, etc.

Polyolefin Sanitation Council Member No.C-33
Member number of the Food Sanitation Council for PVC Products D-76

Packaging

Net weight·····ZISLIZER-M 10 kg /25kg
ZISLIZER-E 10 kg

Outer shell·····Cardboard packaging

Characteristics

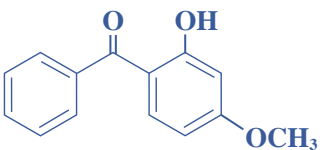
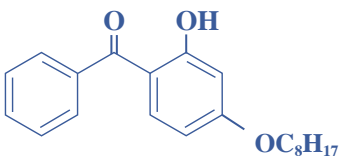
M: Can be used in a wide range of applications such as vinyl chloride, dye pigments, paint rubber, etc. May react with amines.

E: Since it is a long-chain ether type, it has excellent compatibility with various resins. It is especially excellent for polyolefins.

Product Information

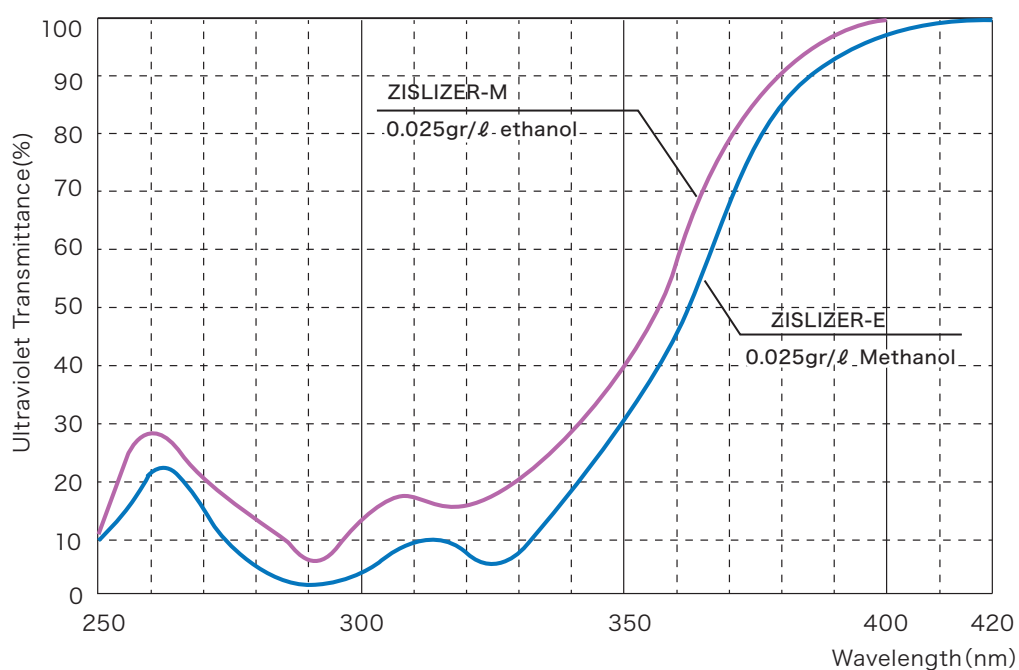
		ZISLIZER-M	ZISLIZER-E
Chemical name		2-Hydroxy-4-methoxybenzophenone	2-Hydroxy-4-n-octoxybenzophenone
CAS No.		131-57-7	1843-05-6
Law Concerning the Examination and Regulation of Manufacture, etc of Chemical Substances Chemical Substances Control LawNo.		4-130	4-141
TSCA		○	○
EINECS No.		205-031-5	217-421-2
Product standard	Appearance	Slight yellow needle-like crystals	Small pale yellow needle-like crystals
	Purity (%)	99.0% or higher	99.0% or higher
	Loss on drying	0.5% or less	0.1% or less
	Intense heat remaining	0.02% or less	0.01% or less
	Melting point	60-66°C	47-49°C
	Stinky	None	None
Special note		Acute toxicity (mouse): LD50 16,000 mg/kg min. FCA Approved Classification NO.121-2591	Acute toxicity (mouse): LD50 10,985 mg/kg min. FCA Approved Classification NO.121-2591

Product Information

	ZISLIZER-M	ZISLIZER-E
Chemical formula		
Product Shape		
Product Form		

Product characteristics

UV absorption properties



Solubility (in solution)

Solvent	ZISLIZER-M	ZISLIZER-E
Methanol	3.0	3.2
Ethanol	5.0	3.8
Benzole	51.0	72.7
Toluol	50.0	76.1
DOA	10.2	24.7
DOP	9.8	20.5
Styrene monomer	31.2	45.2
Water	Insoluble	Insoluble

25°C,gr./100gr.