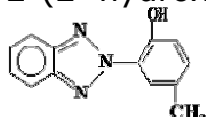


## Technical Data Sheet

### UV Absorber SH-UV-P

#### 1.Description

2-(2'-hydroxy-5'-methylphenyl)benzotriazole



Chemical Formula: C<sub>13</sub>H<sub>11</sub>N<sub>3</sub>O

CAS NO. 2240-22-4; 2440-22-4

This product is a high performance Ultraviolet Absorbent. It can effectively absorb Ultraviolet in 270-340nm. This product can hardly absorb visible light, so it is especially suitable to uncolored transparent articles and colored articles 0.1-0.5 percent may be the amount using in the thin sheet articles, and 0.05-0.2 percent in the thick. This product can be admitted to use for the plastic food bag.

#### 2.Technical Specification

Item	Value
Appearance	white to pale yellow powder
Content(wt%)	≥99
Melting Point	128-132
Ash(wt%)	≤ 0.2
Transmittance(wt%)	425nm :≥97; 500nm: ≥98

#### 3.Application

It can be used mainly for polychlorethene, polypropylene, unsaturated resins, polycarbonate, polymethypropylene format, polyethylene, ABS resin, oxirane resin, fiber resin and so on. Can be admitted to use for the plastic food bag.

#### 4.Storage and Packing

It can be packed with plastic bags lined in the sheet paper containers. There are two specifications 25kg and 50kg respectively.

Ultraviolet Absorbent UV-P is not poisonous, not combustible and not corruptible. It has the good stability in storage.