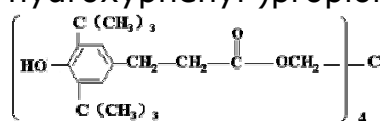


## Technical Data Sheet

### Antioxidant SH-1010

#### 1. Description

Pentaerythritol tetrakis 3-(3,5-ditert-butyl-4-hydroxyphenyl )propionate



Molecular Formula: C<sub>73</sub>H<sub>108</sub>O<sub>12</sub>

CAS NO.: 6683-19-8

SH-1010 is soluble in organic solvent .Slight soluble in alcohol,but insoluble in water.It's a typical representative of hindered phenol antioxidant,no-poisonous,nondiscolouring as well as nonstaining and is an excellent top-quality approved around the world.

#### 2. Technical Specification

Item	Value
Appearance	White Crystallized Powder
Volatile (wt%)	≤0.5
Melting Point(°C)	119-125
Light Transmission-425nm(%)	≥95.0
Light Transmission-500nm(%)	≥97.0
Ash Content(%)	≤0.1
Purity(wt%)	≥98.0

#### 3. Solubility

Acetone:46% Benzene:55% ;Chloroform:71% ;Ethyl Acetate:47% (20° C, W/W);Hexane:0.3%

#### 4. Application

It is widely used in a variety of polymer materials,such as PP,polyester,PE,PU,PS,POM,PBT,ABS,PA,polyester,SR,etc.It's also a high grade antioxidant for natural&synthetic oil.

#### 5. Storage and Packing

It is packed in cardboard drum lined with plastic bags with the net capacity of 25 kg.

This product is nontoxic, fire-resistive, explosive-resistive, and well stable in storing.