

## FuncChem (Shanghai) Inc.

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### UV-1164

<b>Chemical Name:</b>	2- (4,6- bis- (2,4- dimethylphenyl) - 1,3,5- triazin - 2- yl) - 5- (octyloxy) - phenol
<b>CAS#:</b>	2725 - 22 - 6
<b>Chemical Formula :</b>	C <sub>33</sub> H <sub>39</sub> N <sub>3</sub> O <sub>2</sub>
<b>Molecular Weight :</b>	509
<b>Specific Gravity (25°C) :</b>	1.15
<b>Appearance:</b>	Slightly yellow powder
<b>Purity:</b>	96% min
<b>Volatiles:</b>	0.5% max
<b>Ash content:</b>	0.1% max
<b>Melting point:</b>	88.0- 91.0 °C

#### Introduction:

UV-1164 is a new class of UV absorber exhibiting very low volatility and good compatibility with a variety of polymers, additives and resin compositions. Owing to its higher weather resistance than conventional benzotriazole UV absorbers, it is widely used in the area of engineering resins, vehicle top coating and exterior building coating.

UV-1164 areas of application include: polyalkylene terephthalates, polycarbonates, modified polyphenylene ether and various high performance plastics.

#### Performance Benefits:

- High permanence
- High inherent UV stability
- Minimal color contribution
- Low interaction with metals
- Excellent compatibility with other stabilizers