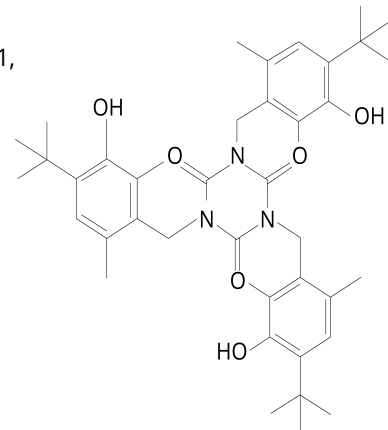




# YFK-1790

## Chemical Structure

<b>Chemical Name</b>	1,3,5-- Tris(4-tert-butyl-3-hydroxy-2,6-dimethylbenzyl)-1,
<b>Chemical Formula</b>	C <sub>42</sub> H <sub>57</sub> N <sub>3</sub> O <sub>6</sub>
<b>Cas No.</b>	40601-76-1
<b>Molecular Weight</b>	699.919



## Specifications

<b>Appearance</b>	White powder
<b>Content %</b>	>= 98.0
<b>Volatile Loss %</b>	<= 0.5
<b>Melting Range (°C)</b>	159.0 ~ 163.0

## Usage Notes

<b>Properties</b>	It is a white powder and classified as an asymmetric phenolic antioxidant. It provides superior protection of color stability in plastic products during processing and exhibits strong resistance to gas fumigation and fading. Compared with conventional antioxidants, it demonstrates significantly enhanced thermal stability under high-temperature conditions.
<b>Applications</b>	It provides superior color protection during long-term storage compared with conventional antioxidants, including Antioxidant 3114.
<b>Storage</b>	This product is stable under normal conditions and does not have any special storage requirements. However, it should be protected from moisture and heat.
<b>Recommended Dosage</b>	The typical dosage range is 5% to 8%.



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## Packaging

The product is packaged in 25 kg paper bags or cartons.

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