



# YFK-245

## Chemical Structure

<b>Chemical Name</b>	Triethylene glycol bis(3-tert-butyl-4-hydroxy-5-methylphenyl)propio	
<b>Chemical Formula</b>	C <sub>34</sub> H <sub>50</sub> O <sub>8</sub>	
<b>Cas No.</b>	36443-68-2	
<b>Molecular Weight</b>	586.80	

## Specifications

<b>Appearance</b>	White powder or particle
<b>Melting Range (°C)</b>	76.0 ~ 79.0
<b>Transmittance %, 425nm</b>	>= 95.0
<b>Transmittance %, 500nm</b>	>= 97.0
<b>Solubility</b>	Clear
<b>Volatile Loss %</b>	<= 0.5
<b>Main Content %</b>	>= 96.0
<b>Ash Content %</b>	<= 0.1

## Usage Notes

<b>Properties</b>	It is a white crystalline powder. It can be used in combination with auxiliary antioxidants, light stabilizers, and other functional stabilizers.
<b>Applications</b>	It is a unique hindered phenol antioxidant primarily applied in polystyrene and polyolefins. It is particularly suitable for HIPS, ABS, MBS, SB and SBR latex, as well as monomers and copolymers of POM. Additionally, it can be used as a stabilizer in polyurethane, polyamide, thermoplastic polyester, PVC, and other polymer systems.



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## Storage

This product is stable under normal conditions and does not have any special storage requirements. However, it should be protected from moisture and heat.

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## Recommended Dosage

The typical dosage range is 1% to 2%.

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## Packaging

The product is packaged in 180kg steel barrel.

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