



YFK-1076

Chemical Structure

Chemical Name	3,5-- Bis(1,1-Dimethylethyl)-4-hydroxybenzenepropanoic acid octadecyl ester	
Chemical Formula	C ₃₅ H ₆₂ O ₃	
Cas No.	2082-79-3	
Molecular Weight	531	

Specifications

Appearance	White powder or particle
Melting Range (°C)	50 ~ 55
Volatile Loss %	<= 0.20
Ash Content %	<= 0.05
Transmittance %, 425nm	>= 98
Transmittance %, 500nm	>= 99
Solubility	Clear
Purity GC %	>= 98.5
Active Ingredient Content	>= 98
Tin Content %	<= 2x10 ⁻⁴

Usage Notes

Properties	Odorless and tasteless, it dissolves readily in solvents such as benzene, acetone, and esters, and is slightly soluble in ethanol. The product is free from impurities, with good heat and water resistance, excellent extractability, and compatibility.
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Applications

Applications include polyolefins such as polyethylene, polybutene, polypropylene, and other polymers, including engineering plastics, polystyrene-based homopolymers and copolymers, polyurethanes, elastomers, adhesives, and other organic materials.

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.

Recommended Dosage

The typical dosage range is 0.02% to 0.20%.

Packaging

The product is packaged in cardboard boxes lined with plastic bags. The net weight per box is 25 kg.
