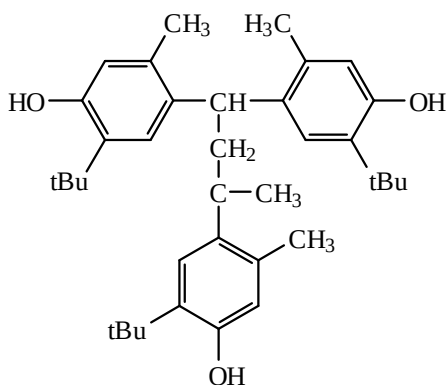


# CHANG CHIANG CHEMICAL CO.,LTD.

## Technical Information

### ANTIOXIDANT ADK STAB AO-30

ADK STAB AO-30 is a highly effective Hindered Phenol antioxidant.



Chemical Name: 1,1,3-Tris(2-methyl-4-hydroxy-5-t-butylphenyl) butane

#### ADK STAB AO-30

- Provides highly synergism with thio-ether type antioxidants.
- Protects Polymers against thermal degradation during processing.
- Possesses good compatibility with most polymers.
- Resists extraction by hot water and detergents.

Typical Physical Properties:

Molecular Weight	545
Melting Point	186°C
Appearance	white powder
Solubility (25°C, g/100g solvent)	
Acetone	96.0
Ethyl alcohol	70.0
Ether	63.0
Methyl alcohol	16.0
Benzene	8.5
Toluene	3.0
Tetrachloromethane	0.3
Water	0.03

Volatility (DTA analysis, Heating rate 5°C/min)

Initial Weight Loss	223°C
10% Weight Loss	309°C
20% Weight Loss	327°C