

# LongCester<sup>®</sup> LC-1010

## Product Data Sheet

Phenolic Primary Antioxidant for Processing  
and  
Long-Term Thermal Stabilization

### General Description

LC-1010 is a sterically hindered phenolic antioxidant  
LC-1010 protects these substrates against thermo-oxidative degradation  
LC-1010 is odorless, stable to light and has excellent color retention  
has good compatibility with most substrates  
Recommended levels:0.1~5% (total formulation)

### Product Specifications

Property	Range	Test Method
Appearance	white powder	Visual
Melting Range (°C)	110~125	ISO11357-1
Volatile	<1.0%	Longcai method

Chemical name Pentaerythrityl-tetrakis [3-(3,5-di-tert.butyl-4-hydroxyphenyl)-propionate]  
CAS number 6683-19-8  
Molecular weight 1178 g/mol

### Packaging

• White PE bag, N.W.25kg/bag.

### Storage

The product can be stably stored for at least one year when kept  
in closed containers in a dry place at temperature below 30 °C .  
Avoid exposure to direct sunlight.

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