



GON
Stock:002768
PLASTICS

Antioxidant 330 Product Instructions

Product Presentation :

Product Name: 1,3,5-三甲基-2,4,6-三 (3,5-二叔丁基-4-羟基苄基) 苯

English name: 1,3,5-trimethyl-2,4,6-tris(3,5-di-tert-butyl-4-hydroxybenzyl)benzene

Molecular formula: $C_{54}H_{78}O_3$

Molecular weight: 775.2

CAS No.: 1709-70-2

Quality standard :

Project		Metric
Surface		White crystalline powder
Melting point		240℃-245℃
Content		≥98.0%
Fugitive constituent		≤0.1%
Ash content		≤0.1%
Solubility		Clear
Light transmittance	425nm	≥96.0%
	500nm	≥98.0%
Free 2,4-di-tert-butylphenol		≤0.2%
Acidity Value (mgKOH/g)		≤0.3

Product Application:

Antioxidant 330 is a high-molecular-weight phenolic antioxidant suitable for various thermoplastics such as polyolefins, PET and PBT, elastomers including polyamides, styrene resins and polyurethanes, as well as natural rubber.

Antioxidant 330 exhibits excellent resin compatibility, resistance to extraction, low volatility, high antioxidant efficacy, and superior electrical insulation properties, making it widely used in pipes, molded products, wires and cables, and dielectric films manufactured from materials such as polyethylene, polypropylene, and polybutene. It demonstrates strong synergistic effects with other auxiliary antioxidants including phosphites and thioesters, and maintains long-term stability throughout resin application and processing processes.

Product Packaging :

Packaged in paper drums lined with plastic bags, each drum has a net weight of 25 kg. Alternatively, packaging can be customized according to customer requirements.

QINGDAO GON PLASTICS CO., LTD