

BOGIOX 1330

PRODUCT IDENTIFICATION

Chemical Name: 1,3,5-Trimethyl-2,4,6-tris(3,5-di-tert-butyl-4-hydroxybenzyl)benzene
Physical Form: White Powder
CAS Number: 1709-70-2

BOGIOX 1330 is a high-molecular-weight hindered phenolic antioxidant that provides very low volatility and excellent resistance to extraction from polymer compounds. Its low volatility and chemical stability make it safe and effective in a wide range of polymer applications.

SPECIFICATION

Properties	Test Methods	Units	Values
Assay	-	%	98
Melting Point	ASTM D127-08	°C	240-245
Volatile Content	-	%	0.5
Ash Content	-	%	0.1
Transmittance (425 nm)	-	%	96
Transmittance (500 nm)	-	%	98
Solubility at 20°C (g/100 g solution)			
Acetone	-	%	23
Toluene	-	%	36
Chloroform	-	%	28
Ethyl Acetate	-	%	27
Hexane	-	%	1.7
Methanol	-	%	0.2
DMF	-	%	54
Water	-	%	<0.01

APPLICATIONS

- BOGIOX 1330 is successfully used in thermoplastic elastomers, engineering blends and alloys, hot-melt adhesives, tackifiers and polyolefins. Its effectiveness and stability improve polymer performance, supporting processing without degradation and demanding long-term applications.

PACKAGING & STORAGE

- Packaging: 20 kg bag.
- Store away from direct sunlight and heat at temperatures below 30°C. Use within 12 months of the production date.

IMPORTANT NOTICE

Please read the product MSDS carefully before using this product.

