

BOGIOX BMC6

PRODUCT IDENTIFICATION

Chemical Name: 4,4'-Thiobis(6-tert-butyl-m-cresol)

Physical Form: White Powder

CAS Number: 96-69-5

BOGIOX BMC6 is a highly efficient, multifunctional sulfur-containing hindered phenolic antioxidant.

SPECIFICATION

Properties	Test Methods	Units	Values
Purity	-	%	98
Melting Point	ASTM D127-08	°C	160-164
Ash Content	-	%	Max. 0.05
Volatile Content	-	%	Max. 0.1
Iron Content	-	ppm	Max. 15
Solubility (g/100 g solvent at 20°C)			
Water	-	%	0.08
Acetone	-	%	20
Ethanol	-	%	47
Diethyl Ether	-	%	0.5
Methanol	-	%	79
Hexane	-	%	0.5-1

APPLICATIONS

- BOGIOX BMC6 is used as an antioxidant in HDPE and LDPE for tubes, water and gas pipes, connectors, high-voltage cables and greenhouse films. It offers high resistance to thermo-oxidative degradation and washout, excellent compatibility with peroxides and strong synergism with carbon black. It is also used as a polymerization and processing stabilizer in PP, ABS, PVC, EPDM and polybutadienes; as an anti-skinning agent for hot-melt adhesives; as an anti-scorching agent for polyurethanes during TDI condensation on polyesters; and as a heat stabilizer for lubricants.

PACKAGING & STORAGE

- Packaging: 20 kg PE bag or 20 kg carton box.
- 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.

