

# VENLOAOX-BMC6

## PRODUCT IDENTIFICATION

- **Chemical Name:** 4,4'-thiodi(6-tert-butyl-m-cresol)
- **Physical Form:** White Powder
- **CAS Number:** 96-69-5

VENLOAOX-BMC6 is a highly efficient and multi-functional sulfur containing hindered phenolic antioxidant.

## SPECIFICATION

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

## APPLICATIONS

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

## PACKAGING & STORAGE

- Packaging: It is packaged as in 20 kg PE bag & 20 kg carton box
- VENLOAOX-BMC6 should be stored in a manner that avoids direct exposure to sunlight and heat ( $T < 30^{\circ}\text{C}$ ). This compound should be used within 12 months after its production date.

### IMPORTANT NOTICE

Please read the Material Safety Data Sheet (MSDS) carefully before using this product.

