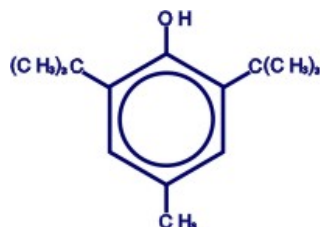




## BHT TECHNICAL GRADE

**EMPIRICAL  
FORMULA:****C<sub>15</sub>H<sub>24</sub>O****CAS NUMBER:****128-37-0****CHEMICAL NAME:****4-methyl-2,6-di-tert-butyl phenol;  
butyl-hydroxy toluene (BHT);  
2,6-di-tert-butyl-p-cresol.****TRADE NAMES:****Ionol, Naugard BHT, Vanlube PCX,  
CAO-3 Antioxidant, Lowinox BHT and  
many others.**

It is an efficient stabilizer for wide range of polymeric materials, various rubbers. It is a heat stabilizer for polyolefines, polystyrene, thermoplastic glue and coatings, it protects lubricating and transformation oils, petrol, different types of fuel from oxidation. It is nontoxic and allowed for use in articles contacting with food-stuffs and biological organisms. It is water-insoluble and soluble in oils, toluene, acetone, partly in ethanol, chlororganic solvents.

**PHYSICAL AND CHEMICAL PROPERTIES:**

Characteristics	Standard	
	Grade A	Grade B
1. Appearance	White crystals without admixtures	
2. Purity quantity, wt. %, no less than	99.7	-
3. Other alkyl phenols content, wt. %, no more than	0.3	-
4. Water content, wt. %	Absent	
5. Phenol content, wt. %	Absent	
6. Melting point (end), °C, no less than	69.8	69.5
7. Difference between initial and end melting points, °C, not higher than	0.4	1.0
8. Ash content, wt. %, no more than	0.008	0.01
9. APHA color, units of color, no more than	25	-