

# ANOX™ BB011 and ANOX™ BB021 stabilizer blends

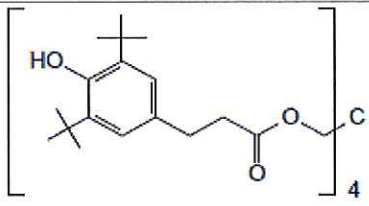
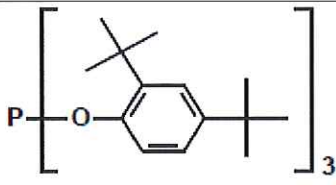
## Phenolic / Phosphite Antioxidant Blend



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### Description

**ANOX™ BB011 and ANOX™ BB021 stabilizer blends** are a family of solid binary synergistic blends used to protect polymers during processing and long term aging.

	<b>ANOX™ 20 stabilizer</b>	<b>ALKANOX™ 240 phosphite</b>
<b>Chemical Name</b>	Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-2,2-bis[[3-[3,5-bis(1,1-dimethylethyl)-4-hydroxyphenyl]-1-oxo propoxy]methyl]-1,3-propanediyl ester	Phenol, 2,4-bis(1,1-dimethylethyl)-phosphite (3:1)
<b>Synonym</b>	Tetrakismethylene (3,5-di-t-butyl-4-hydroxyhydrocinnamate) methane	Tris(2,4-di-t-butylphenyl) phosphite
<b>CAS-Nr.</b>	6683-19-8	31570-04-4
<b>EINECS-Nr.</b>	229-722-6	250-709-6
<b>Formula</b>		
<b>ANOX™ BB011</b>	50%	50%
<b>ANOX™ BB021</b>	33%	67%

### Application

**ANOX™ BB011 and ANOX™ BB021 stabilizer blends** with a combination of a high molecular weight hindered phenol: **ANOX™ 20 stabilizer**, and a phosphite: **ALKANOX™ 240 phosphite**, provide excellent protection in polyolefins. The low volatility of the **ANOX™ 20 stabilizer** and **ALKANOX™ 240 phosphite** allows the blends to be used at relatively high temperatures while providing excellent resistance to extraction from polymer compounds. The blends are active during polymer processing and provide excellent stabilization against thermo-oxidative degradation during long term aging.

The **ANOX™ BB011** and **ANOX™ BB021 stabilizer blends** are used for process stabilization of a wide range of thermoplastic polymers such as polyolefins (PP, HDPE, LDPE, LLDPE), polycarbonates, ABS, and polyesters.

### **Regulatory Status**

For details please contact SI Group Regulatory Affairs Polymer Additives.

### **Handling and Storage**

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Store the product in a cool, dry, well-ventilated area away from incompatible materials. Unless stated, proper storage will permit usage of the product for 2 years from the date of receipt.

**For additional handling and toxicological information, consult the SI Group Material Safety Data Sheet.**