

ANOX[™] BB011 and ANOX[™] BB021 stabilizer blends

Phenolic / Phosphite Antioxidant Blend

Contact KROCHEM

(330) 535-2100 (800) 321-2260 Fax (330) 535-8947 info@akrochem.com / www.akrochem.com

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.

	ANOX [™] 20 stabilizer	ALKANOX [™] 240 phosphite
Chemical	Benzenepropanoic acid, 3,5-bis(1,1-	Phenol, 2,4-bis(1,1-
Name	dimethylethyl)-4-hydroxy-2,2-	dimethylethyl)-phosphite (3:1)
	bis[[3-	
	[3,5-bis(1,1-dimethylethyl)-4-	
	hydroxyphenyl]-1-oxo propoxy]	
	methyl]-1,3-propanediyl ester	
Synonym	Tetrakismethylene (3,5-di-t-butyl-4-	Tris(2,4-di-t-butylphenyl)
	hydroxyhydrocinnamate) methane	phosphite
CAS-Nr.	6683-19-8	31570-04-4
EINECS-Nr.	229-722-6	250-709-6
Formula	HO + C C C C C C C C C C C C C C C C C C	$\begin{bmatrix} \\ \\ \\ \\ \end{bmatrix}_3$
ANOX™ BB011	50%	50%
ANOX™ BB021	33%	67%

Application

ANOXTM BB011 and ANOXTM BB021 stabilizer blends with a combination of a high molecular weight hindered phenol: ANOXTM 20 stabilizer, and a phosphite: ALKANOXTM 240 phosphite, provide excellent protection in polyolefins. The low volatility of the ANOXTM 20 stabilizer and ALKANOXTM 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.

SI Group Inc., 2750 Balltown Road, Schenectady, NY 12309 PH: +1 518.347.4200 www.siigroup.com

Page 1 of 2

The foregoing product brand is a trademark of one or more SI Group, Inc. affiliated companies. SI Group, The Substance Inside and the SI Group logo are Reg. U.S. Pat. & Tm Off. and additional countries, to SI Group, Inc.

The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of SI Group, Inc. and its affiliated companies to ensure the accuracy or reliability of the information. Customers should contact SI Group account representatives for current information. It is the responsibility of the user to comply with all applicable laws and regulations relating to use of the product and to provide for a safe workplace. The user should consider all information contained herein only as a guide, and should take precautions that the user considers necessary or prudent to promote a safe work environment, such as considering all applicable health and safety hazards, developing safe work practice procedures and properly instructing employees, and reviewing the Safety Data Sheet (SDS) and product label for safety information.



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.