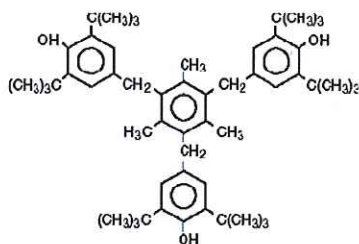


ETHANOX[®] 330 & 330G Antioxidant

Description

ETHANOX 330 antioxidant is a highly effective, non coloring, odorless antioxidant for plastics, resins, elastomers and waxes. It has exceptionally low volatility and is outstanding in applications requiring high processing temperatures. It is safe and effective for use in a wide variety of polymers. If your polymer is sanctioned by the FDA for use in indirect food contact, that sanction will be maintained with the use of ETHANOX 330 antioxidant.* Its superior effectiveness and overall stability means that its use in most polymers greatly improves their capacity to process without degradation and to stand up to demanding long-term applications. ETHANOX 330G antioxidant is a free-flowing, non-dusting, easy-to-use granular form of this very effective product. The product contains no binders.



1, 3, 5-TRIMETHYL-2,4,6-TRIS (3,5-DI-TERT-BUTYL-4-HYDROXYBENZYL) BENZENE

Typical Physical Properties*

	ETHANOX 330 Antioxidant	ETHANOX 330G Antioxidant
Form	Crystalliner Powder	Granular
Color	White	White
Vapor Pressure, mm Hg @ 300°C	< 0.5	< 0.5
Molecular Weight	775.2	775.2
Melting Point, °F (°C)	471 (244)	471 (244)
Bulk Density, g/cc, aerated	0.500	0.49
Bulk Density, g/cc, packed	0.745	0.52

*Presented for information purposes only. To obtain a copy of sales specifications, FDA status or use guidelines for this product, please contact an SI Group representative

CAS: 1709-70-2

MITI: 4-191

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Solubility (Wt % @ 20°C)	
Acetone	23.0
Cyclohexane	7.5
Dimethylformamide	54.0
n-Heptane	1.0
n-Hexane	1.7
Methanol	0.2
Methylene Chloride	47.0
Styrene Monomer	23.0
Toluene	36.0
Water	Insoluble

Safety And Handling Information

ETHANOX 330 and 330G antioxidants are relatively harmless orally, practically nontoxic by skin absorption and no more than slightly irritating to intact or abraded skin. Acute oral LD50 is >15 grams/kg of body weight. The use of ETHANOX 330 and 330G antioxidants are allowed by the FDA in all polymers for food contact applications subject to the limitations provided in 21 CFR, §178.2010. Crystalline compounds containing phenolic groups are known to have severe dust explosivity ratings. For specific information on the safe handling of this product, please refer to the material safety data sheet (MSDS). Copies are available upon request.