

CYANOX[®] 1790 antioxidant

TYPICAL PROPERTIES

Chemical Formula	C ₄₂ H ₅₇ N ₃ O ₆
Molecular Weight	699
Melting Point, °C	159.0-162.0

SPECIFICATIONS

Description	Free-flowing white powder
Color Value (at 420 nm)	130 max
Loss on Drying, %	0.5 max
Toluene Insolubles, %	0.05 max

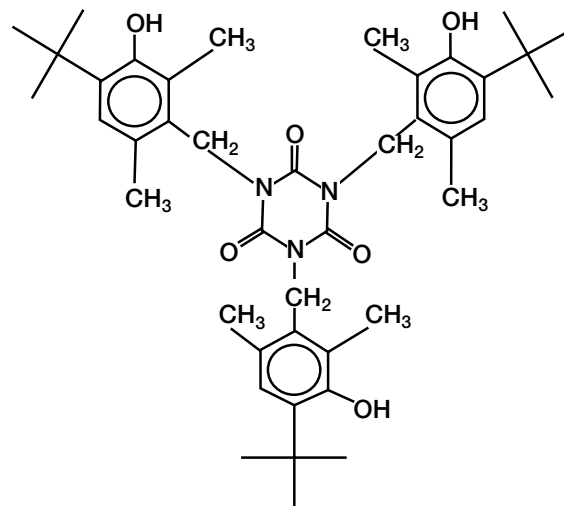
PERFORMANCE BENEFITS

- Minimal color contribution
- Low volatility
- Good solubility/migration balance
- Excellent compatibility with polymeric HALS and UVAs
- Superior polymer stabilization

HEALTH AND SAFETY

The powder form of CYANOX 1790 antioxidant may form explosive dust-air mixtures.

Before handling this material, read the corresponding Cytec Industries Inc. Material Safety Data Sheet (MSDS) for safety, health, and environmental data.



1,3,5-TRIS(4-tert-butyl-3-hydroxy-2,6-dimethylbenzyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione

CAS NUMBER 040601-76-1

FDA STATUS

CYANOX 1790 antioxidant is sanctioned as an antioxidant at levels not to exceed 0.1% in olefin polymers used in the manufacture of articles that contact food, subject to the provisions of Section 178.2010 (b) of the Food Additives Regulations. Also, CYANOX 1790 antioxidant is sanctioned for use in polystyrene and rubber-modified polystyrene under Section 177.1640.

Shipping Classification:

Chemical NOI

Shipping Container:

32-gallon fiber drum, polyethylene bag liner, 125 lb net

IMPORTANT NOTICE

The information and statements herein are believed to be reliable but are not to be construed as a warranty or representation for which we assume legal responsibility or as an assumption of duty on our part. Users should undertake sufficient verification and testing to determine the suitability for their own particular purpose of any information, products or vendors referenced herein. **NO WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE IS MADE.** Nothing herein is to be taken as permission, inducement or recommendation to practice any patented invention without a license.

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