Revonox® 610

PRODUCT DATASHEET

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Introduction

Revonox® 610 is a highly efficient phenol-free antioxidant blend specially designed for polyolefin materials in food packaging applications. It provides excellent thermal processing stability, effectively protecting color and physical properties under multiple-time thermal processes.

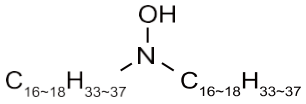
Recommended Applications

Due to Revonox® 610's superb performance on color maintenance regardless polymer type, it is highly recommended for applications where color performance is the most critical factor.
Other than that, it is also recommended for the following applications:

1. Polypropylene Thermoformed Container
2. PP fibers and non-woven for carpets and drapes
3. Bi-axial oriented polypropylene film (BOPP)
4. Thermoplastics olefins (TPO) molding for automobiles parts
5. Gas-assisted injection moldings
6. Systems require phenol-free
7. Long-term heat stability (at 100- 150 °C)
8. System exposure to gamma radiation.

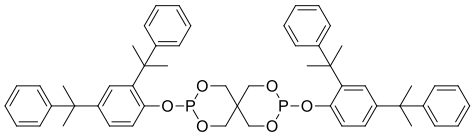
Structures

Revonox 420



CAS No. 143925-92-2

Revonox 608



CAS No. 154862-43-8

Composition

A mixture of antioxidants

Physical Data

Appearance	:	White to off-white powder
Odor	:	Odorless
Bulk density	:	0.67 g/cm^3

Specification

Appearance	:	White to off-white powder
Melting point	:	85°C min.
Volatile	:	0.5% max.

Solubility (g in 100 ml solvent @ 25 °C)

Acetone	:	<1
Toluene	:	<1
Ethyl Acetate	:	<1
Dichloromethane	:	<1
Hexane	:	<1
Water	:	<1

Packaging

20 kg/ carton