

## ELSAPOX 1076 (ANTIOXIDANT)

**Chemical Name:** n-Octadecyl-β-(4-hydroxy-3,5-di-tert-butyl-phenyl)-propionate

**Structural Formula:**



**Molecular Formula:** C<sub>35</sub>H<sub>62</sub>O<sub>3</sub>

**Molecular Weight:** 530.86

**CAS No.:** 2082-79-3

**Properties:** Soluble in benzene, acetone, hexane, etc, sparingly soluble in methanol, insoluble in water. No pollution.

**Specification:**

Item		Requirements
Appearance		White
Ash		Max. 0.1%
Melting point		50-55°C
Volatilizing		Max. 0.2%
Clarity of solution		Clear solution
Transmittance	425nm	Min. 97%
	500nm	Min. 98%
Assay		Min. 98%

## Applications

ELSAPOX 1076 can be applied in polyolefins, such as polyethylene, polypropylene, polybutene and olefin copolymers such as ethylene-vinyl acetate copolymers.

Its use is recommended for the processing of polymers such as polyacetals, polyamides and polyurethanes, polyesters, PVC, styrene homo- and copolymers, ABS, elastomers such as butyl rubber (IIR), SBS, SEBS, EPM and EPDM as well as other synthetic rubbers, adhesives, natural and synthetic tackifier resins, and other organic substrates.

## Features/benefits

ELSAPOX 1076 can be used in combination with other additives such as costabilizers (e.g. thioesters, phosphites, phosphonites), light stabilizers, and other functional stabilizers.

The effectiveness of blends and similar products to ELSAPOX 1076 with ELSAPHOS 168 is well known.