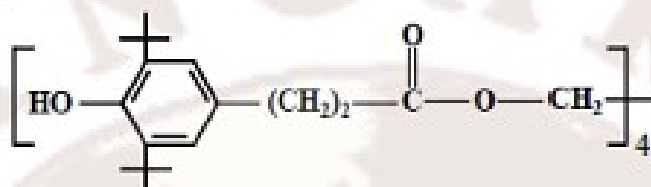


Elsapox 1010

(ANTIOXIDANT)

Chemical Name: Tetrakis[methylene-3-(3,5-di-tert-butyl-4-hydroxyphenyl-propionate)]methane

Structural Formula:



Molecular Formula: C₇₃ H₁₀₈ O₁₂

Molecular Weight: 1177.6

CAS No.: 6683-19-8

Properties: Soluble in benzene, acetone and chloroform, sparingly soluble in alcohol, insoluble in water. Good extraction -resistance in hot water and low volatility.

Specification:

Item		Requirements
Appearance		White crystal powder or grain
Melting point, °C		110.0-125.0
Volatilizing, %		Max. 0.50
Ash, %		Max. 0.10
Clarity of solution		Clear solution
Transmittance, %	425nm	Min. 96.0
	500nm	Min. 98.0
Assay, effective components, %		Min. 98.0

Applications

ELSAPOX 1010 can be applied in polyolefins, such as polyethylene, polypropylene, polybutene and olefin copolymers such as ethylene-vinyl acetate copolymers. Also, 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

Features/benefits ELSAPOX 1010 has good compatibility, high resistance to extraction and low volatility. It is odorless and tasteless. The product can be used in combination with other additives such as costabilizers (e. g. thioethers, phosphites, and phosphonites), light stabilizers and other functional stabilizers.

The effectiveness of blends and similar products to ELSAPOX 1010 with ELSAPHOS 168 is well known and reported.