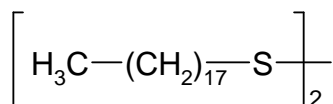


Hostanox^{®*} SE 10

Sulphur containing co-stabilizer for plastic materials

General **Hostanox SE 10** is a thio-ether based highly effective co-stabilizer with excellent compatibility with polyolefins.

Chemical Composition



Distearyl-disulfide

Molecular weight 571 g/mol

CAS No. 2500-88-1

Physical Properties

Melting Range 57 – 60 °C (103 – 108 °F)

Commercial Forms Powder, Granules

Solubility Soluble in toluene, chloroform, n-heptane.
Insoluble in water

Applications **Hostanox SE 10** is a low odor sulphur containing co-stabilizer for plastics in particular for polypropylene, polyolefins and engineering thermoplastic elastomers. Its combinations with phenolic antioxidants such as **Hostanox O 3** are highly synergistic and enhance the long term thermal and the colour stability of polyolefins. The synergy of **Hostanox SE 10** and **Hostanox O 3** is most significantly leveraged in reinforced or filled engineering articles, e.g. interior parts of dishwashers or automotive applications where chemical integrity as well as long term heat stability are required. Furthermore, **Hostanox SE 10** upgrades the heat stability of wire and cable insulations containing **Hostanox OSP 1** as metal de-activator in contact with copper.

Food status **Hostanox SE 10** is not approved in plastics for food contact applications.

Storage stability Minimum shelf life is 3 years from date of shipping when properly stored.

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