



## **FINANOX 18**

**DESCRIPTION** : Thiosynergist secondary antioxidant

**SPECIFICATIONS** : Appearance : Microbeads  
Melting point :  $63 \pm 5$  deg C

(Slight variations in the specifications stated due to raw materials and production conditions are possible though they have no influence on the application properties described.)

### **APPLICATIONS & PROPERTIES**

FINANOX 18 (DSTDP) is a secondary antioxidant used in polyolefins and other polymers requiring long term heat ageing properties.

FINANOX 18 particularly decomposes hydroperoxides, formed by auto-oxidation of polymers and neutralizes them. It is often used as synergist in combination with phenolic antioxidants. FINANOX 18 (DSTDP) has been approved for use in some food packaging applications.

FINANOX 18 is mainly used in combination with phenolic antioxidants in PE, PP, ABS, Polyester, Polyamides, Acetals, Nylon 6/66, PET/PBT, PC, PS.

Products stabilized with FINANOX18 are widely used in automotive, appliances, containers, PE films, tape, injection & rotational molding, metallocene, PP injection molding, TPO, ABS, sealants, adhesive applications.

**STORAGE** : It may form soft agglomerates during transit/storage depending upon its particle size, compaction caused during stacking of material and prevailing atmospheric temperatures during transit/storage conditions due to its fatty nature & inherent characteristics. Finer the particle size more can be such agglomeration. However, this agglomeration does not affect the product's performance. These soft agglomerates can be broken easily if necessary.

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