



FINASPERSE DT 500 N

FinaSperse DT 500 N is a **specialty wetting & dispersing additive** for polyolefin based filled PE/PP color masterbatches and compounds. FinaSperse DT 500N possesses functional sites suitable to establish secondary interactions with the pigment particles through '**Effective Molecular Interactions (EMI)**'; thereby, improving the dispersion quality via excellent wetting process.

SPECIFICATIONS : Appearance : Microbeads
Melting range : 120 - 135 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 : - PE/PP based color masterbatches
- Polyolefin based flame retarded compounds

PROPERTIES : - Effectively increases color strength through excellent wetting and dispersion.
- **Benefits & Saving: Desired colour strength can be attained with lower pigment loading**

USE LEVEL : - **Up to 5% non-oxidized PE-wax loading***: Total replacement
- **Higher than 5% non-oxidized PE-wax loading***: Partial replacement of non-oxidized PE-wax in order to attain synergistic effect (*based on total compound weight)

METHOD OF USE : It is advisable to prepare a dry blend with polymer & pigment powder in high-speed mixer and further, melt-process into masterbatch/compound in order to achieve desirable dispersion quality.

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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