WESTON™ 802T stabilizer blend

Liquid Antioxidant Blend

Description

WESTON™ 802T stabilizer blend is a blend of primary and secondary antioxidants. Typical applications for **WESTON™ 802T stabilizer blend** include HDPE, LLDPE, ethylene propylene copolymers, SBS, ABS, SBR and others**.**

Chemical Structure

62.5% **WESTON™ 705T phosphite**
Chemical Structure: Proprietary

38.5% **ANOX™ PP18 stabilizer**, Octadecyl 3, 5 di-tert-butyl-4-hydroxyhydrocinnamate.
Chemical Abstract Number: 2082-79-3.

Formula

WESTON™ 705T phosphite
Chemical Structure: Proprietary

ANOX™ PP18 stabilizer

Typical physical properties of WESTON™ 802T stabilizer blend

Appearance (at 60°C)	Clear viscous liquid
Color (APHA)	100 max.
Acid No. (mg KOH/g)	0.5 max.
ANOX™ PP18 stabilizer %	34.5-40.5%
Appearance @ Room Temperature	Semi-Soft to Solid
Specific Gravity @ 25°C	0.95
Density (lb./gal) @ 60°C	8.0
Flash Point (Pensky-Martens Closed Cup)	213°C
Phosphorus Content (%)	3.2
% TIPA	0.15%

Features and Benefits

WESTON™ 802T stabilizer blend features the combined activity of a primary and secondary stabilizer in one easy to handle liquid form. In most polymers, **WESTON™ 802T stabilizer blend** improves color and inhibits degradation of molecular weight during recovery, drying, compounding, processing and end use. Benefits include:

- Eliminates pre-blending of antioxidants
- Easy handling - accurate feeding rates

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- Minimizes risk of compounding errors and variability
- Low cost stabilizer

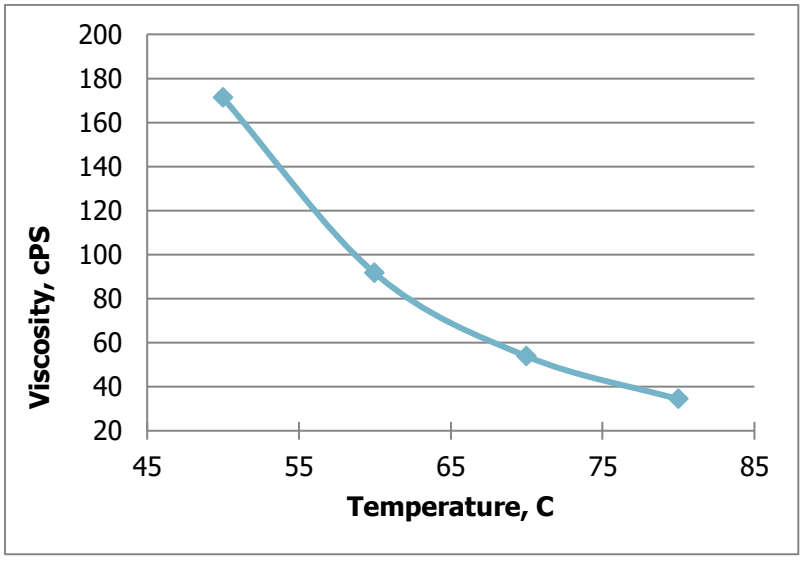
Regulatory Status
For a current SDS or other regulatory information, contact SI Group, Inc. at regulatory@siigroup.com.

Storage and Handling
The product may be stored at least one (1) year in sealed containers. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat could decrease product shelf life. Containers should be kept sealed when not in use. If stored outside in cold weather, the drums should be warmed to facilitate pouring. Open drums should be used as soon as possible (within a maximum of 4 months) to avoid hydrolysis, especially during humid weather.

For additional handling and toxicological information consult the Safety Data Sheet.

Viscosity versus Temperature

WESTON™ 802T stabilizer blend can be heated to facilitate transfer in-plant. The following viscosity versus temperature table can be used for proper selection of metering and pumping equipment. The following data shows a wide range of temperatures; however, the maximum recommended storage temperature is 80°C.



Viscosity, cps	Temperature, °C
171	50
92	60
54	70
34	80