

# ANOX™ 1315 stabilizer

## Phenolic antioxidant

### Description

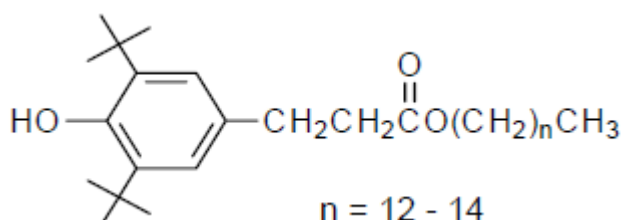
**ANOX™ 1315 stabilizer** is a highly effective, low emissive, non-discoloring, liquid hindered phenol antioxidant.

### Chemical Structure

3,5-Bis(1,1-dimethylethyl)-4-hydroxy-benzenepropanoic acid, branched C<sub>13-15</sub> alkyl esters.

### CAS Reg. Number:

171090-93-0

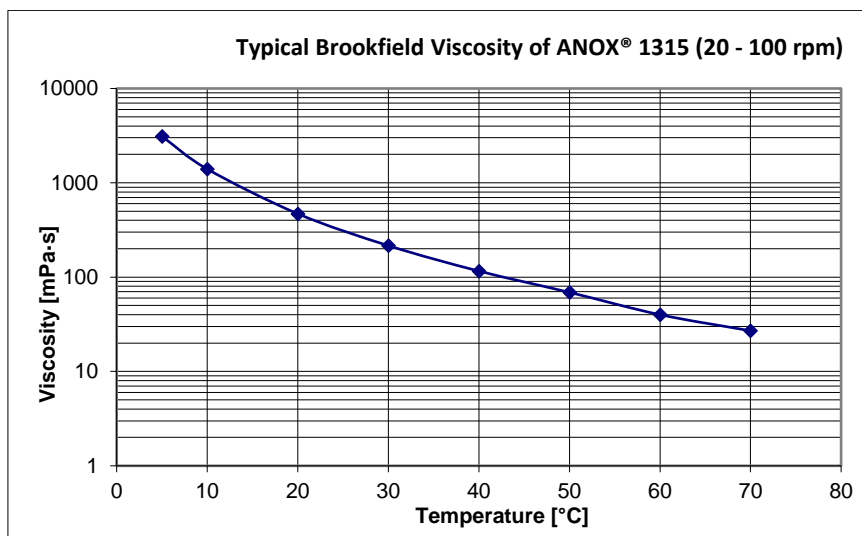


### Typical physical properties of ANOX™ 1315 stabilizer

Appearance	Viscous, clear yellow liquid
Crystallization Point	Fluid at RT, starts crystallization at temp. < 15°C
Specific Gravity @ 20°C	0.94
Viscosity @ 30°C [mPa·s]	~150 - 200
Flash point [°C]	229

### Thermogravimetric Analysis (10 mg @ 10°C/min under N<sub>2</sub>)

Weight Loss [%]	5	10	25
Temperature [°C]	256	278	308

**Typical Brookfield Viscosity of ANOX™ 1315 (20 - 100 rpm)****Features**

- Easy to handle low-viscosity liquid antioxidant
- Alkyl chain adds great compatibility and solubility to various substrates, rendering the product highly flexible in its uses

**Applications**

- Excellent antioxidant for polymers (i.e., PVC, PE, ABS, SBR, BR, and NBR)
- Excellent antioxidant for lubricating oils, both engine and cutting
- For use in polyols for polyurethane foams for storage and scorch protection because of its efficiency and favorable low volatility. It can be used for a variety of applications in the coating, furniture, bedding and automotive industry

**Food Contact Regulatory Status**

For details please contact SI Group Regulatory Affairs.

**Storage and Handling**

The use of proper protective equipment is recommended. Excess exposure to the product should be avoided. Wash thoroughly after handling. Containers should be kept sealed when not in use. Product shall be transported and stored at temperatures above 15°C in dry, well-ventilated area away from incompatible materials. If stored outside in cold weather, the drums should be warmed to facilitate pouring. Unless otherwise stated, proper storage will permit usage of the product for 1 year from the date of receipt.