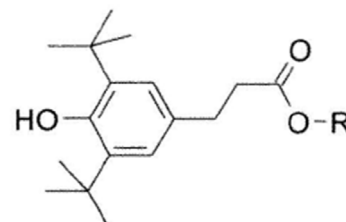


GC RIANOX 1135

Benzenepropanoic acid, 3,5-bis(1,1-dimethyl-ethyl)-4-hydroxy-C7-C9-branched alkylesters



CAS Registry Number 125643-61-0

GC RIANOX 1135 is an active, liquid hindered phenolic antioxidant. **GC RIANOX 1135** finds application when liquid dosing is needed in polymer manufacturing and processing. **GC RIANOX 1135** can be used in a wide range of polymers such as polyols, polyurethanes, PVC, ABS, PE, rubbers and synthetic lubricants because of its low volatility and excellent compatibility.

PHYSICAL-CHEMICAL PROPERTIES

Appearance	Colorless to slightly yellow liquid		
Assay (HPLC), %	Min. 98.0		
Specific gravity, @ 20°C	0.940~1000		
Melting point, °C	< -30°C		
Viscosity @25 °C	220 mPa.s		
Solubility @ 20°C (g/100 g solvent)	Water	<0.01	Ethyl acetate >50
	Methanol	>50	Acetone >50
	Dichloromethane	>50	Polyols >50
TGA (10 mg @ 10°C/min under N ₂)	Weight Loss	1 %	10 %
	Temperature	160°C	200°C
Transmittance (5g/50 ml Toluene)	@425 nm	≥ 97.0 %	
	@500 nm	≥ 98.0 %	

HANDLING AND STORAGE: The processing and use of GC RIANOX 1135 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information. GC RIANOX 1135 has to be stored in its tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.

PACKAGING: Standard packaging size of GC RIANOX 1135 is 190 kgs/drum.

DISCLAIMER:

Information contained in this document is provided to the best of our knowledge and is considered true as per revision date. We do not accept any liability for loss and damage that may occur from the improper use of this information and for the use against the safety legal requirements and patent rights. This specification does not release the customer from the obligation to check the product as to its suitability for intended area of usage.