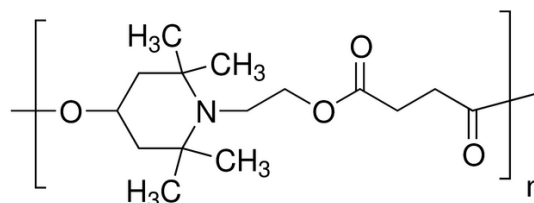


GC UV LS 622

Poly (4-hydroxy-2,2,6,6-tetramethyl-1-piperidine ethanol-alt-1,4-butanedioic acid)

Chemical Formula: $(C_{15}H_{29}NO_6)_n$
Molecular Weight: 3100-4000
CAS registry number: 65447-77-0



GC UV LS 622 is a polymeric hindered amine light stabilizer. **GC UV LS 622** shows low volatility and minimal migration, due to its high molecular weight. **GC UV LS 622** shows also antioxidant properties. **GC UV LS 622** is widely used in polyolefins (PP, PE, and EVA), elastomers and technical polymers as PA and PU.

PHYSICAL-CHEMICAL PROPERTIES

Appearance	Granular / Powder			
Color	White to slightly yellow			
Melting Point, °C	50-70			
Ash, %	≤ 0.1			
Volatiles, %	≤ 0.5			
Transmittance, %				
@ 425 nm	≥ 96.0			
@ 500 nm	≥ 97.0			
TGA (10 mg @ 10°C/min under N ₂ lit.)	Weight Loss	1%	3 %	8%
	Temperature	275°C	300°C	325°C

HANDLING AND STORAGE:

The processing and use of GC UV LS 622 requires adequate technical and professional knowledge. Please consult safety data sheet for further handling, storage and toxicity information.
GC UV LS 622 has to be stored in tightly sealed original container in a cool and well-ventilated area, away from direct sunlight.

PACKAGING:

Standard packaging size of GC UV LS 622 is in 25 Kg in plastic bags.

NOTE:

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.