

Ultraviolet light stabilizer for coating, film, and tape.

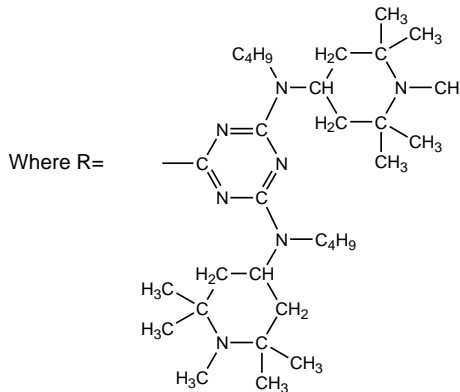
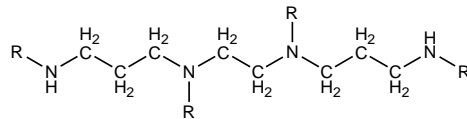
LIGHT STABILIZER

1. General

Chiguard® 228 belongs to the family of high formula weight sterically hindered amine light stabilizers with good migration resistance and low volatility. It is very effective as antioxidant and provides significant long-term heat stability of polyolefins and elastomers.

2. Properties

Structure :



Chemical name : N,N',N'',N'''-tetrakis(4,6-bis(butyl-(N-methyl-2,2,6,6-tetramethylpiperidin-4-yl) amino)triazin-2-yl)-4,7-diazadecane-1,10-diamine

CAS No. : 106990-43-6

Molecular weight : >2,200

3. Physical Data

Appearance : Light yellow crystalline powder

Odor : Faint

Melting range : 115 - 150 °C

Specific gravity : 1.03 @20 °C

Vapor pressure : 4.7 x 10⁻¹¹ Pa @20 °C

Bulk density : 0.55 g/cm³ @20 °C

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4. Solubility

(g in 100 ml solvent)

Acetone	:	6
Ethyl acetate	:	>20
Hexane	:	>20
Water	:	<0.1

5. Specification

Appearance	:	Light yellow crystalline powder
Melting range	:	115 –150 °C
UV Transmittance	:	92% min. @450 nm.
Volatiles	:	0.5% max.
Ash	:	0.1% max.