

## HALS 119 / Tinuvin 119

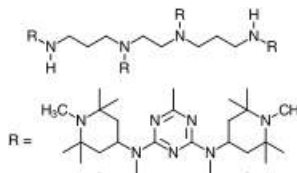
### Chemical Name:

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

Formula  $C_{132}H_{250}N_{32}$

Molecular Weight 2285.6

CAS# 106990-43-6



### Physical Properties:

Appearance	Light yellow granules
Melting point	115 – 150°C
Volatile matter	≤0.5%
Light transmittance	425nm ≥93%
	450nm ≥95%
Ash content	≤0.1%

- Applications:**
- >useful for the light stabilization of polyolefins, particularly polypropylene fibers and polyethylene-based agricultural films
  - > 119 is Less interacting with agricultural chemicals than conventional HALS, leading to improved performance in agricultural films
  - >The recommended concentrations range between 0.1 % and 1.0 %, depending on the substrate, processing conditions and application.

### Handing and safety:

- >119 has been cleared for use in olefin polymers under 21 CFR §178.2010
- >For additional handing and toxicological information, please consult us for Maternal Safety Date Sheet

**Package:** 25kg per plastic bag then into carton