

SpeedBlock 944

Feb-2022 v. 8

Technical Data Sheet

General Information

SpeedBlock 944 is an oligomeric hindered amine light stabiliser (HALS) for use in polymer processing and coatings. SpeedBlock 944 provides excellent long term thermal stability and is typically used at 0.05 - 1.0% depending on the processing conditions and end application.

Chemical Name

Poly[[6-[(1,1,3,3-tetramethylbutyl)amino]-1,3,5-triazine-2,4-diy]][(2,2,6,6-tetramethyl-4-piperidiny)imino]-1,6-hexanediy[2,2,6,6-tetramethyl-4-piperidiny)imino]]

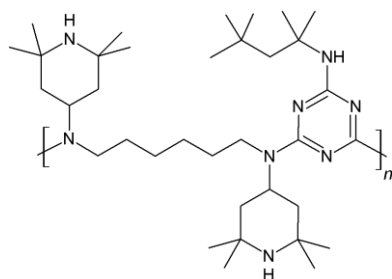
CAS Number

70624-18-9

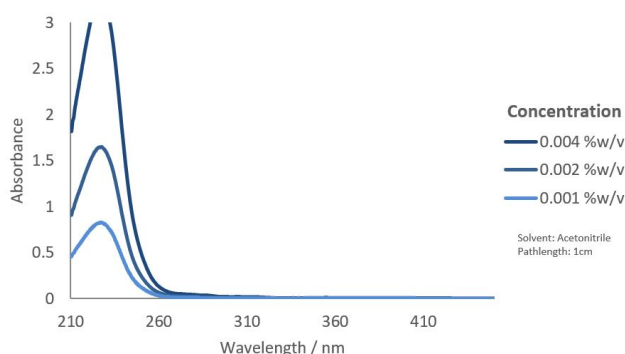
EC Number

n/a

Structure



UV Spectrum



Specification (LAM 248)

Appearance :

White to pale yellow powder

Melting Point Range :

110.0 - 130.0 °C

Loss on Drying (%w/w, 60°C, 3 hours under vacuum) :

≤ 1.0 %w/w

Transmittance (UV SpectroPhotometer - 425nm) :

≥ 93.0 %

Transmittance (UV SpectroPhotometer - 450nm) :

≥ 95.0 %

Applications

- Polyurethanes
- Polypropylenes
- Polyolefins
- Polyamides
- Polyacetals

Storage and Handling

Stable for at least 2 year(s) at 20°C in a sealed container in the dark. A Safety Data Sheet is available on request.

Transport Classification

(EUROPE AND USA) NON-HAZARDOUS

Global Inventories

TSCA, DSL, AICS, NZIoC, IECSC, ECL, TSCI

Disclaimer: Please consult Arkema's disclaimer regarding the use of our products on <https://www.arkema.com/en/products/product-safety/disclaimer/>