

SpeedBlock 1130

Feb-2022 v. 9

Technical Data Sheet

General Information

SpeedBlock 1130 is a liquid hydroxyphenyl benzotriazole type UV absorber for use in coatings and adhesives. SpeedBlock 1130 is typically used at 0.1 - 2.0% depending on the processing conditions and end application.

Chemical Name

Mono and Bis{ α -[3-(2H-Benzotriazole-2-yl)-4-hydroxy-5-tert-butylphenyl]propionic acid} PEG300 ester

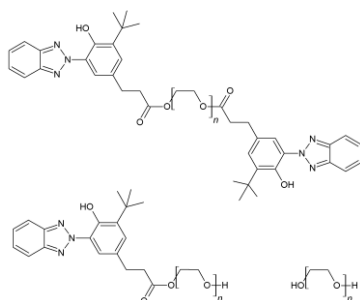
CAS Number

104810-48-2, 104810-47-1, 25322-68-3

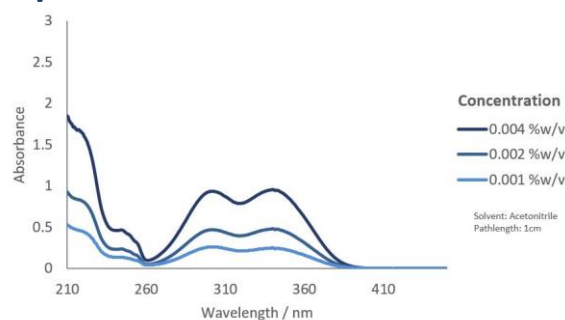
EC Number

n/a

Structure



UV Spectrum



Specification (LAM 351)

Appearance :	Light yellow viscous liquid
104810-48-2 Content :	40.0 - 55.0 %
104810-47-1 Content :	35.0 - 45.0 %
25322-68-3 Content :	10.0 - 16.0 %
Loss on Drying (%w/w, 60°C, 3 hours under vacuum) :	≤ 1.0 %w/w
Transmittance (UV SpectroPhotometer - 460nm) :	≥ 94.0 %
Transmittance (UV SpectroPhotometer - 500nm) :	≥ 96.0 %

Applications

- Metal coatings
- Wood coatings
- UV cured coatings
- Industrial and automotive coatings
- Exterior surface coatings

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) HAZARDOUS
Class 9 Packing Group III UN 3082

Global Inventories

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

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