

PowerSorb™ 3030 UV Absorber

Introduction PowerSorb™ 3030 is a UV absorber having maximal thermal stability and minimal volatility.

Chemical Name 1,3-bis-[(2'-cyano-3',3'-diphenylacryloyl)oxy]-2,2-bis-[[2'-cyano-3',3'-diphenylacryloyl)oxy]methyl}-propane

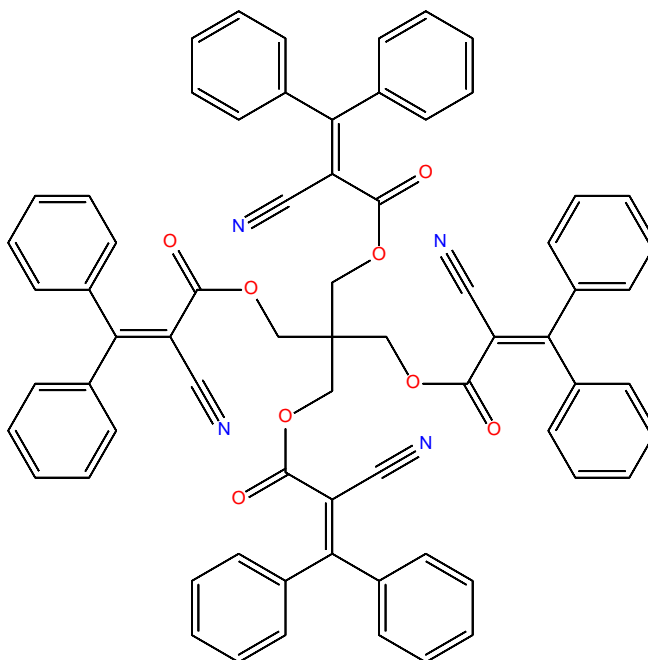
Synonym:

2-Propenoicacid,2-cyano-3,3-diphenyl-,2,2-bis(2-cyano-1-oxo-3,3-diphenyl-2-propenyl)oxymethyl-1,3-propanediyl ester

CAS Number 178671-58-4

EINECS Number 924-350-7

Chemical Structure



Chemical Formula $C_{69}H_{48}N_4O_8$

Molecular Weight 1061

PowerSorb™ 3030 UV Absorber

Physical Properties

Appearance	White Crystalline Powder
Density [20°C, g/cm ³]	1.20
Melting Point (°C)	168-172
Color of Solution 460nm (%)	Min.99
Color of Solution 500nm (%)	Min.99

Solubility

Solubility [20°C]	% w/w
Butanone	0.2
Methyl ethyl ketone	7
Methanol	<0.01
Toluene	0.8
Water	<0.01

Benefits & Applications

PowerSorb™ 3030 can be used to stabilize polymers with high extrusion temperatures.

PowerSorb™ 3030 is especially suitable for stabilizing polycarbonates due to the good compatibility with the production process and excellent stabilizing effect.

Handling & Storage

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to one year in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

Packing

PowerSorb™ 3030 is supplied in 20Kg Paper Bag, 20Kg PE Bag, 25Kg Carton Box, and 50Kg Fiber Drum.



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Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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We disclaim liability for any incidental or consequential damages.