

PowerSorb™ 3030

New Materials Creating New Performances

**Quality Products.
Dependable Service.**

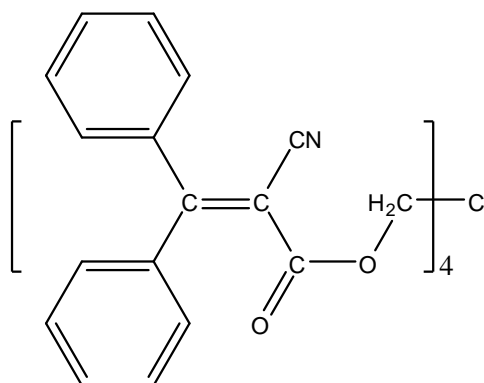
Chemical Name

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

Synonym:

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

Chemical Structure



Introduction

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

Physical Properties

CAS No.	178671-58-4
EC No.	n.a.
Formula	C ₆₉ H ₄₈ N ₄ O ₈
Molecular Weight	1061

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Density _[20°C, g/cm³]	1.20
Melting Point(°C)	168-172
Color of Solution 460nm (%)	Min.99
Color of Solution 500nm (%)	Min.99
Appearance	White Crystalline Powder

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

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 and 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

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PowerSorb™ 3030 is supplied in 25kg bag.

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