

BOGIHALS™ 944

HINDERED AMINE LIGHT STABILIZER (HALS)

PRODUCT IDENTIFICATION

Chemical Name: Poly[[6-[(1,1,3,3-tetramethylbutyl)amino]-1,3,5-triazine-2,4-diyl][(2,2,6,6-tetramethyl-4-piperidyl)imino]hexamethylene[(2,2,6,6-tetramethyl-4-piperidyl)imino]]

Physical Form: White to slightly yellowish powder

CAS Number: 70624-18-9 (USA) / 71878-19-8

BOGIHALS™ 944 is a hindered amine light stabilizer (HALS) that protects organic polymers against degradation caused by exposure to ultraviolet radiation.

SPECIFICATION

Properties	Test Methods	Units	Values
Bulk Density	ISO 787-10	kg/m ³	510
Specific Gravity (20°C)	ASTM D-792	g/mL	1.01
Flash Point	ASTM D92-18	°C	>160
Melting Range	-	°C	100-135
Solubility in Water (25°C)	-	g/100 g solvent	<0.1
Solubility in Chloroform (25°C)	-	g/100 g solvent	44
Solubility in Acetone (25°C)	-	g/100 g solvent	>100
Solubility in Methanol (25°C)	-	g/100 g solvent	<2
Solubility in Ethyl Acetate (25°C)	-	g/100 g solvent	80
Solubility in Toluene (25°C)	-	g/100 g solvent	>100
Solubility in n-Hexane (25°C)	-	g/100 g solvent	>100
Solubility in Benzene (25°C)	-	g/100 g solvent	50
Solubility in Methylene Chloride (25°C)	-	g/100 g solvent	50

APPLICATIONS

- PE: injection moulding, film and tape
- Flexible and rigid PVC
- PP: injection moulding, film and fibres
- Styrenic TPE, EPR and polyurethanes
- EVA, TPO and polyamide fibres
- Specialty adhesives
- LDPE, XLPE and HDPE
- Polyacetals

PACKAGING & STORAGE

- **Packaging:** 1 pallet: 500 kg.
- BOGIHALS™ 944 should be stored away from direct sunlight and heat (T < 30°C). The product should be used within 12 months of its production date.

IMPORTANT NOTICE

Please read the Material Safety Data Sheet (MSDS) carefully before using this product.