

BOGIHALS™ 622

HINDERED AMINE LIGHT STABILIZER (HALS)

PRODUCT IDENTIFICATION

Chemical Name: Butanedioic acid, dimethyl ester, polymer with 4-hydroxy-2,2,6,6-tetramethyl-1-piperidine-ethanol
Physical Form: White to light yellowish powder
CAS Number: 65447-77-0

BOGIHALS™ 622 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/m³	570
Melting Range	-	°C	55-77
Solubility in Water (25°C)	-	g/100 g solvent	<0.1
Solubility in Chloroform (25°C)	-	g/100 g solvent	59
Solubility in Acetone (25°C)	-	g/100 g solvent	4
Solubility in Methanol (25°C)	-	g/100 g solvent	<0.1
Solubility in Ethyl Acetate (25°C)	-	g/100 g solvent	20
Solubility in Toluene (25°C)	-	g/100 g solvent	45
Solubility in n-Hexane (25°C)	-	g/100 g solvent	<0.1

APPLICATIONS

- PE: injection moulding, rotational moulding, film and tape
- Flexible and rigid PVC
- PP: injection moulding, film and fibres
- Styrenics and polyurethanes
- EVA and polyacetals
- Specialty adhesives
- Elastomers

PACKAGING & STORAGE

- **Packaging:** 1 pallet: 500 kg.
- BOGIHALS™ 622 should be stored away from direct sunlight and heat ($T < 30^{\circ}\text{C}$). 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.