



GlobalVillage Sourcing, P. O. Box 600, Round Rock, TX 78680-0699

TECHNICAL DATA SHEET

GLOBAL SOL™ SLP1

HINDERED AMINE LIGHT STABILIZER (HALS)

Chemical Name

BIS(2,2,6,6-tetramethyl-4-piperidiny) sebacate

CAS NO: 52829-07-9

MW.: 480.7

Appearance: White crystalline powder or granule.

Melting Point: 81-85 °C

Solution clarity: Clear

Transmittance of solution

425nm 97% min.

500nm 98% min.

Description:

Globasol™ SLP1 is a highly effective hindered amine type light stabilizer. It is a free-radical scavenger. It protects the polymers into which it is incorporated from degradation by ultraviolet light, retards yellowing and the deterioration of mechanical properties. Globasol™ SLP1 is particularly recommended for the light stabilization of polypropylene, high density Polyethylene, EPDM, ABS, PS, SAN, and polyurethanes. Globasol™ SLP1 can be effective also in polyamides and polyacetals.

Application:

Globasol™ SLP1 has excellent compatibility with most polymers. It can be incorporated into the polymer in a conventional way. It exhibits synergistic effects when combined with benzotriazole or benzophenone type UV-absorbers. For best results, use Globasol™ SLP1 in combination with primary (phenolic) and/or secondary (phosphites) antioxidants.



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The following dosage is recommended

Polypropylene	Globasol™ SLP1	0.15-0.3%
HDPE or LLDPE	Globasol™ SLP1	0.15-0.25%
EPDM	Globasol™ SLP1	0.3-0.4%
ABS	Globasol™ SLP1	0.15-0.3%