



# Dalian Richfortune Chemicals Co., Ltd.

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## Light Stabilizer 944

High Molecular Weight Hindered Amine Light Stabilizer (HALS)

Chemical Name :

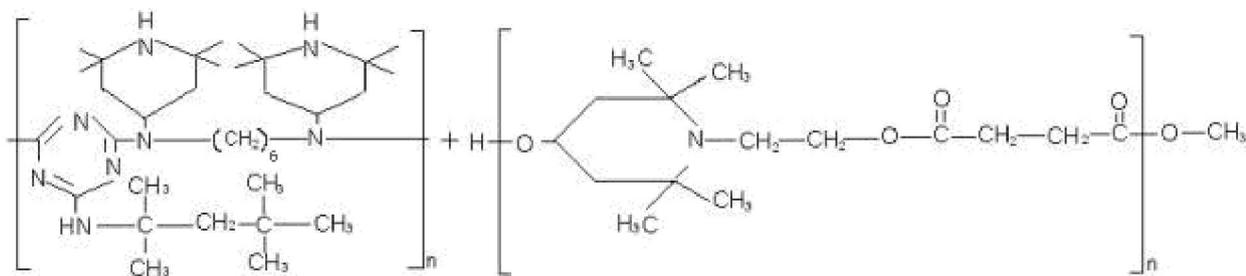
Poly[[6-[(1,1,3,3-tetramethylbutyl)amino]-s-triazine-2,4-diyl]-[(2,2,6,6-tetramethyl-4-piperidyl)imino]-hexamethylene-[(2,2,6,6-tetramethyl-4-piperidyl)imino]]

Introduction: LS 944 is a high molecular weight hindered amine light stabilizer (HALS). It shows excellent compatibility, high resistance to extraction and low volatility.

Details:

CAS Number 70624-18-9

Structure :



Molecular Weight Mn = 2000-3100

Properties:

Appearance and behaviour White to slightly yellow granules

Melting temperature 100 Flash point >150

Applications: LS 944 areas of application include polyolefins (PP, PE), olefin



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copolymers such as EVA as well as blends of polypropylene with elastomers.

In addition in certain instances LS 944 is highly effective in polyacetals, polyamides, polyurethanes, flexible and rigid PVC, as well as PVC blends and in certain styrenic elastomer and adhesive specialty applications.

Features/Benefits LS944 imparts excellent light stability to thin articles, particularly fibers and films. In thick cross sections it is specifically suitable for polyethylene articles. In addition its use is recommended for applications requiring indirect food contact approval.