ICG SPECIALTY CHEMICALS BV

HONGKUN

Product Data Sheet

Omnistab LS 944

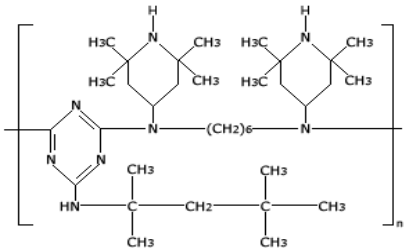
CAS No : 70624-18-9**;**
71878-19-8

Chemical name : Poly6-(1,1,3,3-tetramethylbutyl)amino-1,3,5-triazine-2,4-diyl(2,2,6,6-tetramethyl-4-piperidinyl)imino-1,6-hexanediyl(2,2,6,6-tetramethyl-4-piperidinyl)imino)

Molecular formula : [C35H64N8]n (n=4-5)

Molecular weight : 2100-3000

Molecular structure :



Standard specifications

TEST	**SPECIFICATION**
Appearance	White or light yellow powder/granule
Ash (%)	0.10 max
Volatiles (%)	1.00 max
Melting Point/Range (ºC)	110.0-130.0
Transmittance (%) 425 nm	93.0 min
Transmittance (%) 450 nm	95.0 min
Transmittance (% solution in Toluene)	10g/100ml

EC No : None
HS code : 2933990090
REACH No : 05-2114269501-52-0000**;**
05-2114269505-44-0000

Characterization / application

Omnistab LS 944 is high molecular weight hindered amine light stabilizer (HALS). It shows excellent compatibility, high resistance to extraction and low volatility. Its areas of application include polyolefins (PP, PE), olefin copolymers such as EVA, as well as blends of polypropylene elastomers. In addition, in certain instances Omnistab LS 944 is highly effective in polyacetals, polyamides, polyurethanes, flexible and rigid PVC, as well as PVC blends and in certain sterynic elastomer and adhesive specialty applications. It imparts excellent light stability to thin articles, especially fibers and films. In thick cross sections it is specifically suitable for polyethylene articles. It is highly effective as a long-term thermal stabilizer in thin and thick articles and shows good extraction resistance

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