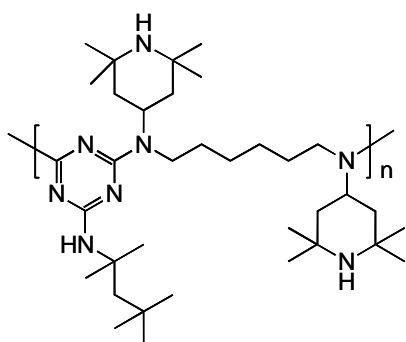


September 10, 2009

ADK STAB LA-94G

— High molecular weight Hindered Amine Light Stabilizer —

Identification



[CAS Number]
70624-18-9

[Chemical Name]
1,6-Hexanediamine, N,N'-bis(2,2,6,6-tetramethyl-4-piperidinyl)-, polymer with 2,4,6-trichloro-1,3,5-triazine, reaction products with 2,4,4-trimethyl-2-pentanamine

[Molecular Weight]
2000~3300

Features

- Is an oligomeric N-H-type HALS which provides excellent weatherability for films and fibers such as agricultural polyolefin films, polyolefin tapes and fibers.
- Minimal volatility and extractability due to high molecular weight.
- Shows a strong synergistic effect when used with UV absorbers.
- Approved as an indirect additive in food contact substances in US and Japan. Potential application is food packaging. (For additional information such as kind of adaptable polymers, please ask our Sales Department.)

Applications

- Polyolefins such as PP and PE. In particular, film and fiber applications, etc.
- Styrene resins such as PS and ABS, etc.
- PA, PU, PVC, etc.

Physical and chemical properties

- Appearance Pale yellow granule
- Softening point 105 - 135 °C
- Thermal stability (TGA, 10°C/min, Air 200ml /min) 10% weight loss temperature: 348°C
- Solubility (g/100g solvent at 25 °C)

| | |
|---------------|---------------|
| Water: < 0.1 | Hexane: > 50 |
| Toluene: > 50 | Acetone: > 50 |

* Above value of properties are just typical, not specific

Handling and storage

- Store in the original container securely under cool and dry condition.
- Protective clothing should be worn when operators are handling, or being exposed to, this product. See the MSDS for further detailed advice.