Creating value, growing together

OPTICAL BRIGHTENERS

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| Lenbrite OB-D | 7128-64-5  | • Low migration | Light fast in polymeric structures | 2,4-dichloro-6-(4-morpholinyl)-1,3,5-triazine, tetramethyl-4-piperidinyl, polymer with 2,4,4-trimethyl-2-pentanamine
| Lenbrite OB-Extra | 7128-64-5 | • Non blooming | Well suited for use in polyolefins | 2,4-dichloro-6-(4-morpholinyl)-1,3,5-triazine, reaction 1,6-Hexanediamine, N,N'-bis(2,2,6,6-tetramethyl-4-piperidinyl stearate & pentanamineamine

For pricing, availability and technical information, please contact Customer Sales & Service at 1-800-235-0957 or email customer.service@azelismeric.com for your local sales representative.

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ANTIOXIDANTS (CONT)

Product Name | CAS | Chemical Name | Chemical Structure | Performance Benefits
--- | --- | --- | --- | ---
Lenoxi AO-140 | 128-39-2 | Lenoxi AO-140 | | Soluble in hydrocarbons and some alcohols, insoluble in water. High resistance to temperature and UV resistance. Can be used in a wide range of substrates.

Lenoxi AO-1726 | 110675-26-8 | Lenoxi AO-1726 | | Soluble in hydrocarbons and some alcohols, insoluble in water. High resistance to temperature and UV resistance. Can be used in a wide range of substrates.


Lenoxi AO-1135 | 125643-61-0 | Lenoxi AO-1135 | | Soluble in hydrocarbons and some alcohols, insoluble in water. High resistance to temperature and UV resistance. Can be used in a wide range of substrates.

Lenoxi AO-784 | 27676-62-6 | Lenoxi AO-784 | | Soluble in hydrocarbons and some alcohols, insoluble in water. High resistance to temperature and UV resistance. Can be used in a wide range of substrates.

Lenoxi AO-775 | 1709-70-2 | Lenoxi AO-775 | | Soluble in hydrocarbons and some alcohols, insoluble in water. High resistance to temperature and UV resistance. Can be used in a wide range of substrates.

Lenoxi AO-565 | 991-84-4 | Lenoxi AO-565 | | Soluble in hydrocarbons and some alcohols, insoluble in water. High resistance to temperature and UV resistance. Can be used in a wide range of substrates.

Lenoxi AO-2777 1:2 | | Lenoxi AO-2777 | | Soluble in hydrocarbons and some alcohols, insoluble in water. High resistance to temperature and UV resistance. Can be used in a wide range of substrates.

LENOXI AO-MD-1024 | 32687-78-8 | LENOXI AO-MD-1024 | | Soluble in hydrocarbons and some alcohols, insoluble in water. High resistance to temperature and UV resistance. Can be used in a wide range of substrates.

LENOXI AO-612G 1:2 | | LENOXI AO-612G | | Soluble in hydrocarbons and some alcohols, insoluble in water. High resistance to temperature and UV resistance. Can be used in a wide range of substrates.

HALS inhibit polymer degradation by scavenging radical intermediates in a cyclic process where:

- **Antioxidants protect** polymers (and other systems) by scavenging free radicals. Unlike HALS, they are consumed in the reaction and provide effective but finite protection.
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**Chemical Name**

1. **Bis(3-(3,5-bis(1,1-Dimethylethyl)-4-Hydroxyphenyl)-1-oxopropyl-3-(1,1-dimethylethyl)-4-hydroxyphenyl-1-oxopropyl)-1,3,5-benzenepropanic acid-3,5-bis(1,1-dimethylethyl)-4-Hydroxy-,Octadecyl Ester**

2. **2-(2'-Hydroxy-3',5'-Di-Tert-Butylphenyl)-5-(1,1-Dimethylethyl)-4-Hydroxyphenyl-1-(1,1-Dimethylethyl)-4-Hydroxyphenyl-1-oxopropyl-3-(1,1-dimethylethyl)-4-hydroxyphenyl-1-oxopropyl)-1,3,5-benzenepropanic acid-3,5-bis(1,1-dimethylethyl)-4-Hydroxy-,Octadecyl Ester**

3. **Mixture of: Poly(oxy-1,2-ethanediyl); alpha-omega.-[3-[3-(2H-benzotriazol-2-yl)-5-(1,1-Dimethylethyl)-4-hydroxyphenyl]-1-oxopropyl]-.Pr**

4. **2-H-Benzotriazole**

5. **2-[2-Hydroxy-3,5-Di(1,1-Dimethylbenzyl)]-2H-benzotriazole-3thioether**

6. **2-(2'-Hydroxy-5-t-Octylphenyl)Benzotriazole**

ULTRAVIOLET LIGHT ABSORBERS (UVA)

**CHEMICAL STRUCTURE**

**PERFORMANCE BENEFITS**

**Note** Additives containing sulphur may lower interaction with pigments.