

EVERNOX[®] 3114

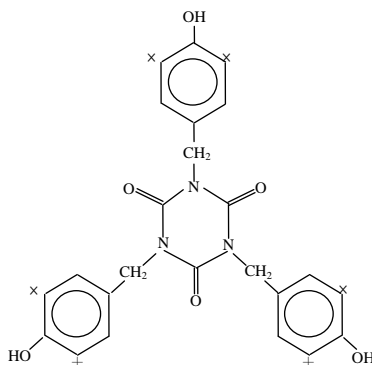
EVERNOX[®] -3114GF

Phenolic Primary Antioxidant for Processing and Long-Term Thermal Stabilization

Chemical Name: Tris-(3,5-di-tert.butyl-4-hydroxybenzyl)-isocyanurate

Formula: C₄₈H₆₉N₃O₆

Structure:



Molecular weight:

784

CAS number:

27676-62-6

Appearance:

White to slightly yellowish powder

Specification:

Melting point

218-223°C

Sulphated ash

0.05% max

Volatile matter

0.2% max

**Clarity of solution
(10g in 100ml toluene)**

Clear solution

**Transmittance
(10g in 100ml toluene)**

**at 425nm 93% min
at 500nm 95% min**

Assay

98.0% min

**Solubility
(25°C, wt/wt)**

| | |
|-------------------|-------------------|
| Acetone | 29% |
| Benzene | 10% |
| Chloroform | 21% |
| Ethanol | 1.5% |
| Hexane | 0.6% |
| Methanol | 0.5% |
| Water | < 0.01% |

Packing: The following packings are available upon customer's request:
50 kgs fiber drum.

Application: Hindered phenolic antioxidant for organic substrates such as
PE, PP, ABS, PS, SBS, PVC, synthetic fibers, elastomers, waxes,
adhesives, oils and fats.

Transportation: EVERNOX-3114 are not dangerous goods according to the
transport regulations.

Storage: No special safety measures are required. Usual precautions
for handling chemicals are observed.



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