

# EVERNOX<sup>®</sup> 3114

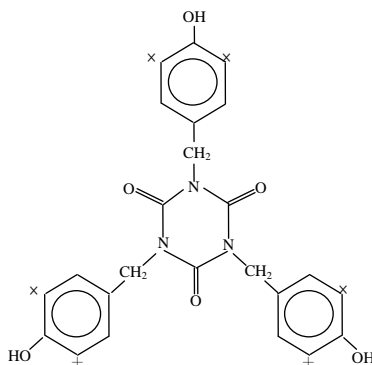
## EVERNOX<sup>®</sup>-3114GF

Phenolic Primary Antioxidant for Processing and Long-Term Thermal Stabilization

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

**Formula:** C<sub>48</sub>H<sub>69</sub>N<sub>3</sub>O<sub>6</sub>

**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
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Assay	98.0% min
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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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