

Technical Bulletin

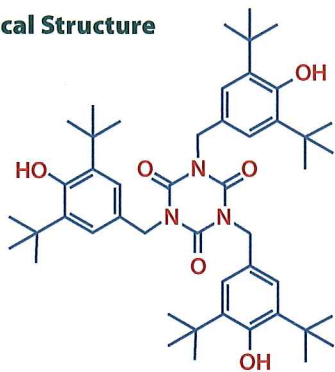
Good-rite® 3114

1,3,5-Tris-(3,5-di-tert-4-hydroxybenzyl) isocyanurate
CAS# 0027676-62-6

Product History

- ▶ Good-rite® 3114 was invented and patented in 1972 (#3,644,277) by B. F. Goodrich (predecessor company to Emerald Performance Materials) and more than 22,000 MT have been produced exclusively at the Henry, Illinois plant since the late 1970's.

Chemical Structure



Description – Highly effective non-discoloring, non-staining, tri-functional hindered phenolic primary antioxidant.

Application – Processing and long-term stabilization of polyolefins and polymers, to include: polypropylene, polyethylene, polystyrene, polyurethane, synthetic rubber, adhesives, resins and other organic substrates.

Properties

- ▶ Molecular weight: 784 g/mol
- ▶ Melt Point range: 218 - 223° C
- ▶ Specific gravity: 1.03 g/cm³
- ▶ Bulk density: 530 - 630 g/l
- ▶ Form: White, free flowing powder

Good-rite 3114 antioxidant provides:

- ▶ Protection against high temperature degradation
- ▶ Ultraviolet protection and light stability
- ▶ Resistance to water extraction
- ▶ Prolonged color retention

Listings & Registrations

- ▶ Contact us for the most current product registrations.

Packaging

- ▶ 50 kg drum
- ▶ 500 kg bulk bag

Plant details

- ▶ ISO certified
- ▶ Henry, Illinois