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RUBBER CHEMICALS  
-DLD-

**AKROSORB™ 29634 TNPP-HP (72)**  
**(Antioxidant TNPP-HP Absorbed on Silica)**

**DESCRIPTION:**

Akrosorb 29634 is a dispersion of Antioxidant TNPP-HP on amorphous silica. Antioxidant TNPP-HP is a non-discoloring, non-staining phosphite antioxidant (chemically, trisnonylphenyl phosphite). It provides excellent low discoloration and high hydrolysis resistance in white and light-colored elastomeric compounds. Antioxidant TNPP-HP is also used as a stabilizer in thermoplastics like ABS, HIPS, polycarbonate, polyolefins, polystyrene, and PVC.

**TYPICAL PROPERTIES:**

Appearance .....	white powder
Specific Gravity @25°C .....	1.16
Percent Active.....	72

**APPLICATIONS:**

Antioxidant TNPP-HP is known for its excellent color and non-tinting properties. It is often used in combination with phenolic antioxidants or thioesters in light colored NR and synthetic elastomers. In many polymers, Antioxidant TNPP-HP provides a chelating or sequestering effect on heavy metals preventing yellowing. It also has clearance under FDA regulation 177.2600. Normal dosages range from 0.50 to 2.0 parts on the rubber hydrocarbon and have no deleterious affect on the rate of cure or physical properties. In plastics, Antioxidant TNPP-HP is recommended at a loading of 0.2% - 1.00%. To obtain the best synergistic effect with phenolic antioxidants, add 0.2% Antioxidant TNPP-HP in addition to the phenol antioxidant loading.

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x-29634

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