

PowerNox™ 2777 Antioxidant

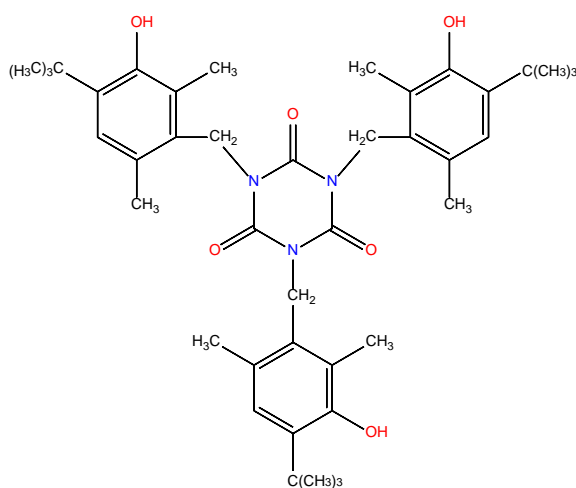
Introduction PowerNox™ 2777 is a blend of PowerNox™ 1790 and PowerNox™ 1680 at ratio of 1:2. It can be used in many polyolefin applications.

Chemical Name Blend of PowerNox™ 1790 and PowerNox™ 1680 at ratio of 1:2.

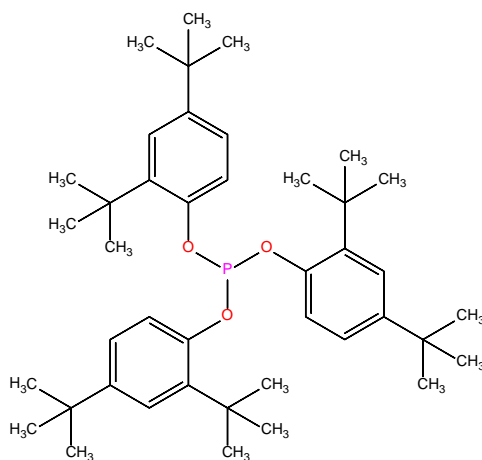
CAS Number 40601-76-1 + 31570-04-4

EINECS Number 254-996-9 + 250-709-6

Chemical Structure



PowerNox™ 1790, CAS No. 40601-76-1



PowerNox™ 1680, CAS No. 31570-04-4

PowerNox™ 2777 Antioxidant

Chemical Formula $C_{42}H_{57}N_3O_6 + C_{42}H_{63}O_3P$

Molecular Weight 700 g/mol + 646.93 g/mol

Physical Properties

Appearance	Powder
Melting Point (°C)	166-171
Acid Value	< 1
Specific Gravity [25°C]	1.07
Active Content (%)	33.0-33.6

Benefits & Applications

- Excellent processing and thermal stability;
- Low color formation;
- Discoloration resistance.

PowerNox™ 2777 can be applied in variable fields, such as external, structural & semi-structural lightweight products, internal automotive parts, piping & tubing oil & gas equipment parts, sports & leisure, wire & cable, medical equipment and architectural & agricultural films.

Handling & Safety

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid continuous or repetitive breathing of dust. Use only with adequate ventilation. Protect skin. Avoid dust formation and ignition sources.

This product may be stored up to one year in a sealed container. Containers should be stored in a cool, dry area. Extended storage at elevated temperatures or exposure to direct heat or sunlight could reduce product life. Keep containers sealed when not in use.

For more detailed information please refer to the material safety data sheet.

Packing

PowerNox™ 2777 is supplied in 25Kg Bag.

Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to



PowerNox™ 2777 Antioxidant

technological progress or further developments. Performance of the product described herein should be verified by testing.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability.

We disclaim liability for any incidental or consequential damages.