

## PowerNox™ 3052 Phenolic Antioxidant

### Introduction

PowerNox™ 3052 is particularly effective under high processing temperature and high shearing condition as well as anaerobic polymerization and processing conditions.

### Chemical Name

2,2-Methylenebis(4-methyl-6-tert-butylphenol)acrylate

Synonym:

2-(1,1-Dimethylethyl)-6-((3-(1,1-dimethylethyl)-2-hydroxy-5-methylphenyl)methyl)-4methylphenyl acrylate

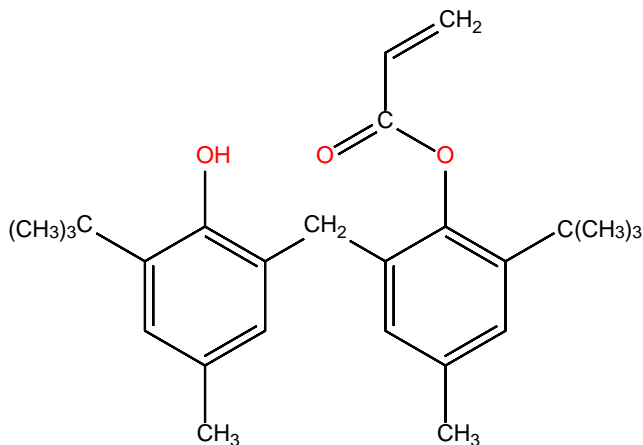
### CAS Number

61167-58-6

### EINECS Number

262-634-6

### Chemical Structure



### Chemical Formula

C<sub>26</sub>H<sub>34</sub>O<sub>3</sub>

### Molecular Weight

394

### Physical Properties

Appearance	White Powder
Melting Point [°C]	134-138
Flash Point [°C]	200
Color of solution 425nm (%)	Min.95
Color of solution 460nm (%)	Min.97

## PowerNox™ 3052 Phenolic Antioxidant

Color of solution 500nm (%)	Min.99
Purity (%)	Min.98

### Benefits & Applications

PowerNox™ 3052 is used as thermoplastics, elastomers, adhesives and polymer blends.

PowerNox™ 3052 is particularly effective in stabilizing alkylene and/or butadiene and/or styrene based polymers, such as HIPS, ABS, BR, SBR, SBS, SEBS, EPDM, EPM, MBS, MABS, SMA, rosins and rosin derivatives.

PowerNox™ 3052 is also used in food contact applications.

### Handling & Storage

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™ 3052 is supplied in net weight 20kg Carton box.

### Note

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

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We disclaim liability for any incidental or consequential damages.