

SUNOPETRO[®]AO 5052 Antioxidant

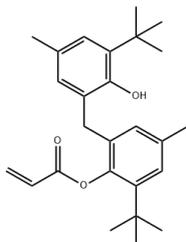
INTRODUCTION

CAS Number: 61167-58-6

Chemical Name:

2,2'-methylenebis(4-methyl-6-tert-butylphenol)
monoacrylate

Structure:



SUNOPETRO[®]AO 5052 is a multifunctional antioxidant with excellent carbon free radical trapping ability. It can be used for stabilization of thermal degradation caused by heat or mechanical stress of polymers during processing under oxygen-deficient conditions. It can be used in a wide range of olefin polymers.

PERFORMANCE BENEFITS

Advantages of SUNOPETRO[®]AO 5052 :

- Non-staining, non-discoloring and low volatility
- Excellent resistance to extraction
- Highly effective to prevent gel formation of polymers during processing under anaerobic conditions

SUGGESTED APPLICATIONS

SUNOPETRO[®]AO 5052 can be widely used in polyolefin such as PP/PE, especially in ABS, HIPS, EPDM, SBR. It is also suitable for thermoplastics, elastomers, adhesives and polymer mixtures, etc.

TYPICAL PROPERTIES

TYPICAL PROPERTIES	VALUE
Color	White to off-white
Appearance	Powder or granule
Melting Point	128-133°C
Volatile Content	≤ 0.3%
TGA(10%)	268° C

HEALTH AND SAFETY

Refer to Section 11 of the Material Safety Data Sheet (MSDS) for toxicology information on the regulated components of this product.

STORAGE AND HANDLING

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.

Please refer to the SUNSHOW Material Safety Data Sheet for additional information on the handling of substance.

Shipping Container:

25kg carton box (inner with plastic bag) or according to customer's request.