

# PowerStab™ 3853PP5

*New Materials Creating New Performances*

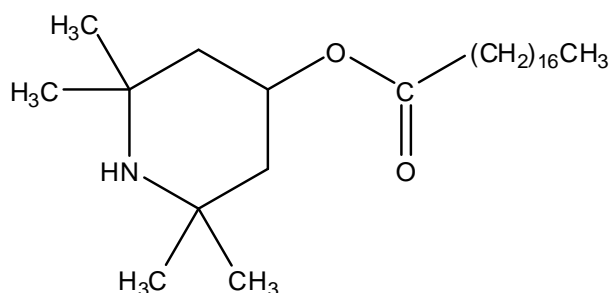
**Quality Products.  
Dependable Service.**

## Chemical Name

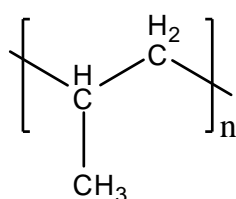
Fatty acids, C12–21 and C18–unsaturated, 2,2,6,6–tetramethyl–4–piperidinyloxy esters Polypropylene

## Chemical Structure

167078-06-0:



9003-07-0:



## Introduction

PowerStab™ 3853PP5 is a 50% active concentrate of the hindered amine light stabilizer (HALS) PowerStab™ 3853 in a polypropylene carrier resin.

## Physical Properties

CAS No.	167078-06-0,9003-07-0
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EC No.	n.a.
Melting Point(°C)	Min.28
Saponification value	128-137%, Mg KOH/g
Volatile(%)	Max.0.5
Color of Solution 425nm (%)	Min.75
Color of Solution 500nm (%)	Min.85
Appearance	White Crystalline Granular
Ash (%)	Max.0.1
Min. Purity	47.5-52.5%

## Applications

PowerStab™ 3853PP5 is particularly suited for use in PP film/tape/injection molding applications and in TPO.

End use applications for which this product is ideal include PP and TPO automotive exterior/interior parts, TPO roofing membranes, and PP outdoor furniture.

## Handling and 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

PowerStab™ 3853PP5 is supplied in 25kg drum.

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