

# PARA TERTIARY OCTYLPHENOL (PTOP)



Cas Number: 140-66-9

Other Names: 4-tert-Octylphenol; 4-(2,4,4-trimethylpentan-2-yl)phenol

Formula:  $C_{14}H_{22}O$

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## PRODUCT INTRODUCTION

Para tertiary octylphenol is an alkylbenzene with chemical phenol  $C_{14}H_{22}O$ , it appears as white solid. It acts as a monomer for alkylphenol formaldehyde resins.

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## PHYSICAL AND CHEMICAL PROPERTIES

Appearance	White Flake
Color (Molten0	5 APHA
Freezing Point	83.4°C
Purity	89.1 wt.%

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## APPLICATIONS

- Para-Tert-Octylphenol (PTOP) are used as tackifiers in tyre manufacture.
  - It is also used for metals to rubber bonding applications in the technical rubber goods manufacture.
  - It is used as a monomer for alkylphenol formaldehyde resins used in rubber, coatings, insulating varnishes, printing inks, intermediate for organic synthesis and chain terminating agent in the production of polycarbonate plastics.
  - It is also used as a chain initiation intermediate for the production of alkylphenol ethoxylates used in nonionic surfactants, emulsion polymerization and as a general emulsifying agent.
  - Its other use is as a processing aid, specific to petroleum production.
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## PACKAGING OPTIONS

Drums

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