

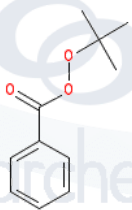


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## Typical Product Specifications & Properties

# t-Butyl Peroxybenzoate

CAS Number: : 614-45-9

| Specifications     | Limits                                                                                                                                                                                                                                                             |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Density            | 1.0                                                                                                                                                                                                                                                                |
| Odor               | mild aromatic odor                                                                                                                                                                                                                                                 |
| Insolubility       | in water                                                                                                                                                                                                                                                           |
| Melting Point      | 8 c                                                                                                                                                                                                                                                                |
| Molecular weight   | 194.25                                                                                                                                                                                                                                                             |
| Color              | colorless to slightly yellow liquid                                                                                                                                                                                                                                |
| Flash Point        | 19 c                                                                                                                                                                                                                                                               |
| Solubility         | org. solvs. incl. alcohols, esters, ethers, ketones                                                                                                                                                                                                                |
| Boiling Point      | 112 c (dec.)                                                                                                                                                                                                                                                       |
| Chemical Structure |  <p>The chemical structure shows a benzene ring attached to a carbonyl group (C=O), which is further attached to a peroxide bridge (-O-O-) connected to a tert-butyl group.</p> |
| SMILES             | <chem>CC(C)(C)OOC(=O)c1ccccc1</chem>                                                                                                                                                                                                                               |
| EINECS             | 210-382-2                                                                                                                                                                                                                                                          |



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| Specifications | Limits     |
|----------------|------------|
| Assay          | 88.05; 98% |



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