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## Typical Product Specifications & Properties

# Styrene

CAS Number: : 100-42-5

| Specifications    | Limits                              |
|-------------------|-------------------------------------|
| Density           | 0.906 (204 c)                       |
| Sparingly Soluble | in water                            |
| Appearance        | colorless to amber clear liquid     |
| Boiling Point     | 145.00 to 146.00 ?C. @ 760.00 mm Hg |
| Vapor Pressure    | 6.205000 mm/Hg @ 25.00 ?C           |
| Odor              | sweet balsam floral plastic         |
| Assay             | 99.00 to 100.00 %                   |
| Vapor Density     | 3.6                                 |
| Flash Point       | 90.00 ?F.TCC                        |
| Specific gravity  | 0.90900 @ 25.00 ?C                  |
| Refractive Index  | 1.54700 @ 20.00 ?C                  |
| Melting Point     | -31.00 to -30.00 ?C. @ 760.00 mm Hg |



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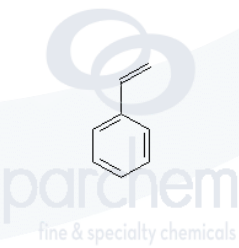


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| Specifications     | Limits                                                                              |
|--------------------|-------------------------------------------------------------------------------------|
| Boiling Point      | 67.00 to 68.00 ?C. @ 50.00 mm Hg                                                    |
| logP (o/w)         | 2.82                                                                                |
| Odor Type          | balsamic                                                                            |
| Molecular weight   | 104.15                                                                              |
| Color              | colorless to yellowish oily liquid                                                  |
| Solubility         | alcohol, ether, methanol, acetone, cs2                                              |
| Chemical Structure |  |



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