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## Typical Product Specifications & Properties

# 1-Bromonaphthalene

CAS Number: : 90-11-9

| Specifications               | Limits   |
|------------------------------|--|
| Molecular weight             | 207.07   |
| EINECS                       | 201-965-2                                      |
| SMILES                       | <chem>c12c(c(ccc1)Br)cccc2</chem>              |
| InChI                        | 1S/C10H7Br/c11-10-7-3-5-8-4-1-2-6-9(8)10/h1-7H |
| InChIKey                     | DLKQHBOKULLWDQ-UHFFFAOYSA-N                    |
| Water solubility             | 9.32 mg/L                                      |
| Boiling Point                | 281 &deg; C                                    |
| log P (octanol-water)        | 4.060  |
| Melting Point                | -1.80E+00 &deg; C                              |
| Henry's Law Constant         | 2.85E-04 atm-m <sup>3</sup> /mole              |
| Atmospheric OH Rate Constant | 1.36E-11 cm <sup>3</sup> /molecule-sec         |
| Vapor Pressure               | 0.00973 mm Hg                                  |



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| Specifications      | Limits                                  |
|---------------------|---|
| Color               | slightly yellow to deep brownish-yellow |
| Boiling Point       | 133-134 &deg;C/10 mm Hg                 |
| Solubility          | H2O: slightly soluble                   |
| Water solubility    | slightly soluble                        |
| Merck               | 14,1425                                 |
| Flash Point         | >230 &deg;F                             |
| Storage Temperature | Store below +30&deg;C.                  |
| Density             | 1.48 g/mL at 20 &deg;C                  |
| Melting Point       | -2-1 &deg;C                             |
| Refractive Index    | 1.6570                                  |
| BRN Number          | 1906414                                 |



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