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## Typical Product Specifications & Properties

# Diethylamine (DEA)

CAS Number: : 109-89-7

| Specifications     | Limits                                                                  |
|--------------------|-------------------------------------------------------------------------|
| Density            | 0.707                                                                   |
| Assay %            | 99.0% min                                                               |
| Color              | 5 max (Hazen)                                                           |
| Water (wt)         | 0.2% max                                                                |
| Distillation Range | 55~57 degC                                                              |
| Melting Point      | -50 c                                                                   |
| Vapor Pressure     | 400 mm hg (38 c)                                                        |
| Odor               | ammoniacal odor                                                         |
| Refractive Index   | 1.3850 (20 c)                                                           |
| Molecular weight   | 73.14                                                                   |
| Flash Point        | -28 c                                                                   |
| Solubility         | water, ethanol, acetone, ether, chloroform, dimethyl sulfoxide, benzene |



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| Specifications | Limits |
|----------------|--------|
| Boiling Point  | 55 c   |



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