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## Typical Product Specifications & Properties

# isoamyl butyrate

CAS Number: : 106-27-4

| Specifications   | Limits                                                                               |
|------------------|--------------------------------------------------------------------------------------|
| Density          | 0.860                                                                                |
| Slightly Soluble | in water                                                                             |
| Appearance       | colorless clear liquid                                                               |
| Assay            | 99.00 to 100.00 %                                                                    |
| Specific gravity | 0.86000 to 0.86800 @ 25.00 °C                                                        |
| Pounds/Gallon    | 7.156 to 7.223                                                                       |
| Boiling Point    | 184.00 to 185.00 °C. @ 760.00 mm Hg                                                  |
| Acid Value       | 0.10 max. KOH/g                                                                      |
| Vapor Density    | 5.5                                                                                  |
| logP (o/w)       | 3.25                                                                                 |
| Shelf Life       | 24 month(s) or longer if stored properly                                             |
| Storage          | store in cool, dry place in tightly sealed containers, protected from heat and light |



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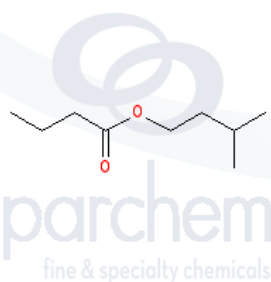


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| Specifications     | Limits                                                                              |
|--------------------|-------------------------------------------------------------------------------------|
| Odor               | Fruity, sweet estry, green, tropical, apple and melon-like with tutti frutti notes  |
| Taste              | Waxy, green apple, fruity, sweet estry, melon and berry notes                       |
| Refractive Index   | 1.40900 to 1.41300 @ 20.00 °C                                                       |
| Flash Point        | 135.00 °F.TCC                                                                       |
| Vapor Pressure     | 0.950000 mm/Hg @ 20.00 °C                                                           |
| Odor Type          | fruity                                                                              |
| Insolubility       | in glycerin, propylene glycol                                                       |
| Molecular weight   | 158.24                                                                              |
| Color              | colorless liquid                                                                    |
| Solubility         | alcohol, fixed oils, most org. solvs.                                               |
| Chemical Structure |  |



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