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## Typical Product Specifications & Properties

# Isopropyl Myristate

CAS Number: : 110-27-0

| Specifications                   | Limits                      |
|----------------------------------|-----------------------------|
| Density                          | 0.850-0.860                 |
| Saponification number            | 202-212                     |
| Direct Evaporative Cooling       | 208 c                       |
| Dissolves                        | waxes                       |
| Sensoric                         | Colorless & odorless liquid |
| Isopropyl Palmitate              | 90% min                     |
| Acid Value, mg KOH/g             | 0.5 max                     |
| Saponification Value mg KOH/gram | 206-211                     |
| Refractive Index                 | (@25°C) 1.432-1.434         |
| Specific gravity                 | (@25°C) 0.846-0.854         |
| Iodine Value, cg Iodine/gram     | 1 max                       |
| Cloud Point                      | 0°C max                     |



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| Specifications           | Limits                                                                            |
|--------------------------|-----------------------------------------------------------------------------------|
| Residue on Ignition      | 0.1% max                                                                          |
| Color, APHA; ASTM D 1209 | 30 Max                                                                            |
| Moisture                 | 0.1% max                                                                          |
| Insolubility             | in water, glycerol                                                                |
| Iodine Number            | 1 max.                                                                            |
| Odor                     | odorless                                                                          |
| Color                    | colorless to pale yellow oily low-viscous liquid                                  |
| Acid Number              | 1 max.                                                                            |
| Molecular weight         | 270.44                                                                            |
| Flash Point              | 3 c                                                                               |
| Solubility               | most org. solvs., acetone, chloroform, ethyl acetate, ethanol, min. oil, veg. oil |
| Boiling Point            | 192.6 c (20 mm)                                                                   |



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| Specifications     | Limits                                                                                                                                                                     |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chemical Structure | <br> |



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