

Typical Product Specifications & Properties

Diisobutyl Ketone

CAS Number: 108-83-8

| Specifications | Limits |
|---|------------------------|
| Purity | 94.0% m/m min |
| Water | 0.1% m/m |
| Density @ 20C | 0.808 kg/L |
| Coefficient of Cubic Expansion @ 20C | 10 10 ⁻⁴ /C |
| Refractive Index @ 20° C | 1.413 |
| Color | <10 Pt-Co |
| Boiling Point | 168 C |
| Relative Evaporation Rate (nBuAc=1) | 0.18 |
| Relative Evaporation Rate (Ether=1) | 48 |
| Antoine Constant A # | 6.07029 kPa, C |
| Antoine Constant B # | 1476.40 kPa, C |
| Antoine Constant C # | 195.000 kPa, C |
| Temperature Limits for Antoine Equation | +20 to +170 C |
| Vapour Pressure @ 20C | 0.16 kPa |
| Vapor Pressure @ 50C | 1.1 kPa |
| Saturated Vapour Concentration @ 20C | 9 g/m ³ |
| Flash Point (A _{hel}) | 50 C |