

SPECIFICATION

AERON® n-Butane R600

| Composition | Minimum | Maximum | Unit | Test Method |
|-------------------|---------|---------|---------|-------------|
| Ethane (R170) | | 0,1 | wt. - % | GC - FID |
| Propane (R290) | | 2 | wt. - % | GC - FID |
| n-Butane (R600) | 97 * | | wt. - % | GC - FID |
| Isobutane (R600a) | | 3 | wt. - % | GC - FID |
| ∑ R600, R600a | 98 * | | wt. - % | GC - FID |
| Pentanes | | 2 | wt. - % | GC - FID |
| 1,3-Butadiene | | 10 | mg / kg | GC - FID |
| Sulphur | | 1 | mg / kg | DIN 51855 |
| Water | | 25 | mg / kg | Dewpoint |
| Residue | | 25 | mg / kg | DIN 51613 |

* request purity ≤ 99,5% possible

| Properties | Minimum | Maximum | Unit | Test Method |
|------------------------|---------------------------|---------|---------------------|-------------|
| Density at 20°C | 575 | 581 | kg / m ³ | ASTM D 1657 |
| Vapor Pressure at 20°C | 1,0 | 1,4 | bar | ASTM D 1267 |
| Appearance | clear and colorless | | | |
| Odor | free of extraneous odours | | | |