

BUTANE SPECIFICATIONS:

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|---|-------|-----|---|
| Specific Gravity at 15° C (kg/m ³) | 560 | Min | ISO 3993 ISO 8973 |
| Composition | | | EN 27941 ASTM D 2163 |
| C2 % (molar) | 2 | Max | |
| C3 % (molar) | 15 | Max | |
| C4 % (molar) | 85 | Min | |
| C5 % (molar) | 1.5 | Max | |
| Total Insaturated % (molar) | 20 | Max | |
| Diolefinas e Acetilenos % (m/m) | 0.1 | Max | |
| Evaporation 95% Recovered (°C/°F) | 2 °C | Max | ASTM D 1837 |
| | 36 °F | Max | |
| Oil Content (ppm) | 200 | Max | ASTM D 2158 |
| R Number | 10 | Max | ASTM D 2158 |
| Vapour Pressure at 40° C (KPa) | 520 | Max | EN ISO 24256 EN ISO 8973 and Annex C of EN 589 |
| Mercaptan Sulphur (ppm) | 6 | Min | NP 4188 IP 272 (1) |
| Total Sulphur (mg/Kg) | 50 | Max | EN ISO 4260 ASTM D 6667 ASTM D 2784 |
| Hidrogen Sulphide | Nil | | EN ISO 8819 ASTM D 2420 |
| Copper Strip Corrosion | 1 | Max | ASTM D 1838 EN ISO 6251 |
| Ammonia (ppm) | 1 | Max | DIM 51641 |
| Water | Nil | | ASTM D 2713 |
| Suspended Water | Nil | | Visual Inspection |
| Calorific Power Lower (Kcal/Kg) | 10900 | Min | ASTM D 3588 |
| Calorific Power Upper (Kcal/Kg) | 11800 | Min | ASTM D 3588 |
| Odour | (2) | | |

(1)with ethilmercaptan ASTM D 5304 should be used and a min of 12 ppm accepted

(2)Characteristic and Easily detectable, to be reported