

Liquefied Petroleum Gas Specifications

| Properties | Unit | Test Method | Result | Method of satisfaction of specification |
|--|--------------|---|--|---|
| Vapour Pressure, gauge@ 37.8 Deg.C | Kpa (G) | ASTM D-1267 Or ASTM D-2598 | 380 min 490 max. | Test report or calc from composition |
| Density | Kg/m3 | ASTM D-1657 or ASTM D-2598 | 559 min | Test report or calc from composition |
| Total Sulphur (after stench) | mg/kg | ASTM D-2784 or ASTM D-3246 or ASTM D-5453 | 135 max. | Test report |
| Corrosion, Copper Strip 1 hour at 37.8 deg C | - | STM D-1838 | 1 max. | Test report |
| Free Water | - | Visual Inspection | none | Test report |
| Odorant (Ethylmercaptan) | L/1000 MT | *Smell Test or Draeger | 26 | Test report |
| Olefin (required only from Complex refinery sources) | % mole | ASTM D-2163 | 35 max. | Test report or Calc from composition |
| C2 hydrocarbons C3 propane C4 butane C5 and higher hydrocarbons | % mole | ASTM D-2163 | Report 7 min – 18 max Report 2 max | Test report |
| Residue Test | ml/100 ml | ASTM D-2158 | 0.05 max. | Test report |
| Dienes content as 1,3 butadiene (req'd only from complex refinery sources) | % mole | ASTM D-2163 | 0.5 max. | Test report |
| MON | - | ASTM D-2598 | 90 | Test report or Calc from composition |
| Temperature at 95 PCT Evap | Deg C | ASTM D1837 | 2.2 max | Test Report |
| H 2S | - | ASTM2420 | Negative | Test Report |

* Odour should be distinctive, unpleasant and non-persistent at a dilution 1:250 with air. Sources shall control H2S and Fluorine to internal production limits.