

**NIOC GUARANTEED SPECIFICATION
LPG**

PROPANE

Test Item	Test Method	Specification
Sp. Gr. 15.6/15.6 Deg.C	ASTM D 2598	To be reported
Vapor pressure (psig at 100 Deg.F)	ASTM D 1267 or D 2598	Max 200
Propane content (vol %)	ASTM D 2163	Min 96.0
Ethane content (vol %)	ASTM D 2163	Max 2.0
Volatile residue (Butane+)(Vol %)	ASTM D 2163	Max 2.5
Residue on evaporation of 100ml	ASTM D 2158	Max 0.05
Oil stain observation	ASTM D 2158	Pass
Copper corrosion	ASTM D 1838	No. 1 strip
Sulfur content (ppm)	ASTM D 1266 or D 5453	Max 40
H2S	ASTM D 2420 or IP103	Negative
Moisture	ASTM D 2713 or D 1744	Pass

BUTANE

Test Item	Test Method	Specification
Sp. Gr,15.6/15.6 Deg.C.	ASTM D 2598	To be reported
Vapor Pressure(psig at 100 deg.F)	ASTM D 1267 or D 2598	Max 70
Butane content (vol%)	ASTM D 2163	Min 95.0
Volatile residue (Pentanc +)(vol%)	ASTM D 2163	Max 2.0
Copper corrosion	ASTM D 1838	No. 1 strip
Sulfur content(ppm)	ASTM D 1266 or D 5453	Max 80
H2S	ASTM D 2420	Negative
Free water	Visual	None