

LPG Specification

LPG SPECIFICATIONS

RUSSIAN ORIGIN LIQUEFIED PETROLEUM GAS

SPECIFICATION (Butane)

PROPERTY	UNITS	TEST METHOD	VALUE
Ethane	mol %	G.C	0.08 max.
Propane	mol %	G.C	2 max.
Total – C4	mol %	G.C	97.5 min.
Total – C5	mol %	G.C	0.82 max.
Sp. Gr. @ (60°F / 60°F)	—	ASTM D-2598	To be reported
Copper Corrosion	—	ASTM D-1838	No. 1a max.
Total Sulfide	wt.ppm	(Based on ASTM D-3246)	30 max.
Hydrogen Sulfide	vol.ppm	ASTM D-2420 / DRAGER	Nil
Vapor Press @ (100°F)	Psig	ASTM D-2598	70 max.
Water Content	vol.ppm	Shaw Dew Point	10 max.
Residue on Evaporation	vol %	ASTM D-2158	0.0 max.

SPECIFICATION (Propane)

PROPERTY	UNITS	TEST METHOD	VALUE
Ethane	mol %	G.C	0.4 max.
Propane	mol %	G.C	98 max.
Butane	mol %	G.C	1.4 max.
Pentanes & Heavier	mol %	G.C	0.01 max.
Copper Corrosion	—	ASTM D-1838	No 1a max
Hydrogen Sulfide	vol.ppm	ASTM D-2420 / DRAGER	5 max.
Sp. Gr. @ (60°F / 60°F)	—	ASTM D-2598	To be reported
Sulphur (Volatile)	wt.ppm	(Based on ASTM D-3246)	30 max.
Vapor Pressure @ (100°F)	Psig	ASTM D-2598	200 max.
Water Content	—	ASTM D-2713	pass