Global LNG Characteristics

Origin	Nitrogen (%)	Methane (C1) %	Ethane (C2) %	Propane (C3) %	C4+ %	LNG density kg/m3	Gas density kg/m3 (n)	Expansion ratio m3(n)/ m3 liq	Gas GCV MJ/m3 (n)
Abu Dhabi	0.3	84.8	13.2	1.6	0.1	467	0.826	566	44.9
Algeria-Arzew	0.6	88	9	2	0.5	464	0.813	570	44.1
Algeria-Bethioua 1	0.9	88.1	8.4	2	0.7	455	0.806	573	35.7
Algeria-Bethioua 2	0.6	90.7	7.8	0.8	0	450	0.78	577	36
Algeria-Skikda	0.5	91.8	6.9	0.6	0.1	446	0.769	580	35.5
Australia-NWS	0.1	87.4	8.3	3.4	0.8	467	0.831	562	45.3
Brunei	0.1	90.6	5	2.9	1.5	461	0.816	564	44.6
Egypt-Damietta	0.1	97.7	1.8	0.22	0.2	427	0.73	585	40.8
Egypt-Idku	0	95.9	2.8	0.9	0.5	436	0.752	579	38.9
Equatorial Guinea	0	93.4	6.5	0	0	439	0.755	585	42
Indonesia-Arun	0.2	90.7	6.2	2	1	457	0.803	569	43.9
Indonesia-Badak	0	91.2	5.5	2.4	0.9	456	0.801	568	43.9
Indonesia-Tangguh			2.9	0.5	0.2	432	0.744	580	41
Libya	0.7	81.6	13.4	3.7	0.7	485	0.867	559	46.6
Malaysia	0.3	90.3	5.3	3.1	1.1	461	0.813	567	44.3
Nigeria	0.1	92.1	5.3	2.1	0.5	458	0.809	566	44.2
Norway	0.8	91.8	5.7	1.3	0.4	451	0.782	577	40.1
Oman	0.4	87.9	7.3	2.9	1.6	470	0.834	563	45.3
Peru	0.6	89.1	10.3	0.1	0	456		579	
Qatar-Qatargas I	0.4	90.1	6.2	2.3	1	460	0.808	569	44
Russia-Sakhalin	0.1	92.6	4.5	1.9	0.2	449		570	
Trinidad	0	97.1	2.5	0.2	0.1	429	0.727	590	39.8
U.S.A-Alaska	0.2	99.7	0.1	0	0	423	0.719	589	39.9
Yemen	0	93.3	5.7	0.9	0.1	434	0.765	567	38.5

Source – International Gas Union