

Omega-wgo e.k.
Im Wasserfeld 97. 51105 Köln
Tel: (+49) 221/719 55 01
Mobil: (+49) 15750144854
E-Mail: aslan@omega-wgo.de
www.omega-wgo.de

Quality Gas Condensate

Test	Unit	Test Method	Raw Material: South Pars Gas Condensate (Sour)		Raw Material: South Pars Gas Condensate (Sweet)		First Cut (Light) Extraction Rate 60-65 % By Weight		Second Cut (Heavy) Extraction Rate 35-40 % By Weight	
			Min	Max	Min	Max	Min	Max	Min	Max
Distillation										
IBP	°C	ASTM D 86	34	44	34	44	31	44	129	177
5 % VOL	°C		42	62	42	62	39	59	143	186
10 % VOL	°C		47	72	47	72	41	67	149	192
20 % VOL	°C		64	83	64	83	49	76	158	204
30 % VOL	°C		77	103	77	103	56	88	168	217
40 % VOL	°C		90	113	90	113	63	94	178	226
50 % VOL	°C		105	140	105	140	71	103	191	235
60 % VOL	°C		123	163	123	163	79	113	205	245
70 % VOL	°C		143	186	143	187	88	123	220	256
80 % VOL	°C		170	212	170	212	99	135	239	285
90 % VOL	°C		200	251	200	251	112	167	267	297
95 % VOL	°C		224	304	224	304	126	184	291	319
FBP	°C		267	320	267	320	151	220	320	342
Residue	VOL %	ASTM D 86	0.5	1	0.5	1	0.5	1	0.5	1
Loss	VOL %		0	0	0	0	0	0	0	0
Recovery	VOL %		99.5	99	99.5	99	99.5	99	99.5	99
Density @ 15°C	Kg/ m3	ASTM D4052/D1298/ D7042	720	746	720	746	680	725	790	810
Flash Point Closed Cup	°C	ASTM D93	Free	Free	Free	Free	Free	Free	27	70
Aromatic Content	VOL %	ASTM D1319/ D6839/ D5986/ D5580	-	16	-	16	-	15	-	-
Benzene Content	VOL %	ASTM D6839/ D6277/ D6730/D6729	-	2	-	2	-	3	-	-
Sulphur Content	Wt%	ASTM D5453/ D4294	0.7	0.37	-	500	To be Reported	0.05	To be Reported	0.20
Mercaptan Content	ppm	ASTM D3227 Uop-163	400	3000		100	To be Reported	300	To be Reported	300