

Propylene C_3H_6

C_3H_6 in Air CGA 590

Grade	Concentration	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Recommended Pressure Regulator Type	Pressure Regulator Series	Page
Primary	1 - 9.9 ppm	K	214	2000	Two-stage	Model 600	122
	10 - 49 ppm	K	214	2000	Single-stage	Model 600	121
	50 ppm - 1.2%	K	214	2000			
Certified	100 - 999 ppb	KAL	144	2000			
		GAL	29	2000			
	1 - 49 ppm	K	214	2000	Two-stage	Model 600	122
		G	33	2000			
		K	214	2000			
	50 - 999 ppm	K	214	2000	Single-stage	Model 600	121
		G	33	2000			
0.1 - 1.2%	K	214	2000				
	G	33	2000				
Unanalyzed	50 - 999 ppm	K	214	2000	Two-stage	Model 600	122
		G	33	2000			
	0.1 - 1.2%	K	214	2000	Single-stage	Model 600	121
		G	33	2000			

Propylene in Air is available only to 1.2% concentration.

Mixtures of Propylene in Air above 0.4% are produced at reduced pressures and volumes for safety considerations.

C_3H_6 in Nitrogen CGA 350

Grade	Concentration	Cylinder Size	Contents cu. ft.	Pressure psig @ 70° F	Recommended Pressure Regulator Type	Pressure Regulator Series	Page
Primary	1 - 9.9 ppm	K	208	2000	Two-stage	Model 600	122
	10 - 49 ppm				Single-stage	Model 600	121
	50 ppm - 6%	K	208	2000			
Certified	100 - 999 ppb	KAL	140	2000			
		GAL	28	2000			
	1 - 49 ppm	K	208	2000	Two-stage	Model 600	122
		G	32	2000			
		K	208	2000			
	50 - 999 ppm	K	208	2000	Single-stage	Model 600	121
		G	32	2000			
0.1 - 6%	K	208	2000				
	G	32	2000				
Unanalyzed	50 - 999 ppm	K	208	2000	Two-stage	Model 600	122
		G	32	2000			
	0.1 - 6%	K	208	2000	Single-stage	Model 600	121
		G	32	2000			

Concentrations above 4% are available at reduced pressures and volumes to minimize the potential of Propylene condensation.

Shipping Data *(Must list two components in parentheses in association with the DOT name.)*

Percent of Propylene	< 6%	≥ 6%
DOT Name	Compressed Gas, N.O.S.	Compressed Gas, Flammable, N.O.S.
Hazard Class	2.2	2.1
I.D. No.	UN 1956	UN 1954
DOT Label	Nonflammable Gas	Flammable Gas

Propylene mixtures are available in Argon, Helium or Hydrogen upon request.