

## Propylene

Characteristics	Unit	Guaranteed Spec of Polymer Grade Propylene	Unit	Targeted Spec of Chemical Grade Propylene
Propylene	% wt	99.7	% vol	95.0
Ethane, max	ppm	500	% vol	1.0
Ethylene, max	ppm	200	% vol	0.5
Acetylene, max	ppm	10	% wt	0.1
Propadiene, max	ppm	10	ppm	10
Propane	mol %	Balance		By balance
1,3 Butadiene, max	ppm	60		
Methyl Acetylene, max	ppm	40	ppm	10
Butene + Butanes, max	ppm	650	% vol	1.0
Carbon Monoxide, max	ppm	0.3		
Hydrogen, max	ppm	5		
COS, max	ppm	1		
Nitrogen Oxides (as NO), max	ppm	3		
N <sub>2</sub> O, max	ppm	3		
Oxygen, max	ppm	5		
Carbon Dioxide, max	ppm	5		
Total Sulphur (H <sub>2</sub> S), max	ppm	1	ppm	5
Water, max	ppm	5		
Ammonia, max	ppm	2		