

# Propylene

PROPYLENE is a hydrocarbon compound in the form of gas at normal temperature and pressure. therefore, to make it easier to store and handle it is given a certain pressure to convert it into liquid form. Propylene is used as a feedstock in the manufacture of polypropylene, acrylic acid, oxo alcohol and propylene oxide.

Propylene is produced in the RU III Plaju fluidized catalytic cracker (FCC) refinery which is then further processed into Polytam (polypropylene pertamina). propylene is also produced in the residue catalytic cracker (RCC) RU VI Balongan with a production capacity of 230,000 tons per year

# Propylene Specification

No	Analysis	Units	Method	Result
1	Propylene	Mole %	UOP - 539 CD	99.6 Min
2	Ethane	wt.ppm	UOP - 542 CD	200 Max
3	Cyclo Propane	wt.ppm	UOP - 542 CD	10 Max
4	1,3 Butadiene	wt.ppm	UOP - 542 CD	10 Max
5	Oxygen	wt.ppm	ASTM D-2504	1 Max
6	Water	wt.ppm	Panametric	2.5 Max
7	Carbon Monoxide	wt.ppm	UOP - 603 Mod	0.1 Max
8	Carbon Dioxide	wt.ppm	UOP - 603 Mod	1 Max
9	Total Sulphur	wt.ppm	ASTM D-4468 Mod	10 Max

