Methanol-to-propylene – Lurgi MTP® process

The solution for on-purpose propylene production

HIGHLIGHTS

- Maximized on-purpose polymere-grade Propylene Production
- Proprietary low coking Zeolite Catalyst
- Simple fixed bed process
- In-situ Regeneration
- Mild operating conditions (1.5 bar, 425 °C)
- Long catalyst cycle times
- Ethylene co-production possible (sufficient for high-value co-polymers)
- Feedstock independence

Production of Methanol based Propylene as Feedstock for a large variety of Chemicals (Acrylic Acid, Methyl Methacrylate, Propylene Oxide, Polypropylene etc.)

- Lowest CAPEX, highest reliability, and long term unit performance
- Strong Research & Development capabilities

REFERENCES

- Successful performance test run of first world scale MTP® plant in May 2012
- Two plants in commercial operation (470 kt/a)
- One plant in construction (470 kt/a)