Na$_2$SO$_4$ Production Plants

**Highlights**
Production of high purity Na$_2$SO$_4$ from brine:
- Na$_2$SO$_4$ $\geq$ 99.5 %
- H$_2$O $\leq$ 0.5 %
- Close granulometry
- Minimal fines

**Feedstocks**
Na$_2$SO$_4$ brine feed – all concentrations

**Process Characteristics**
1. Utilization of glauber salt route to minimize energy consumption
2. Direct conversion of glauber salt to anhydrous in melter
3. Crystal size can be selected over a wide range
4. Close crystal size with minimum fines
5. Low product moisture content of product from fluid bed dryer
Plant Characteristics

- Wide range of feed compositions
- MVR or multiple effect depending on utility costs
- Cooling water requirement minimised by utilization of brine for condensation
- High plant availability