

# Final Polymerization Reactor for Petrochemical Processing

This final polymerization reactor is designed for petrochemical engineering applications. The reactor features a robust cylindrical structure with an internal heat exchange system and radial arm assembly.



## ADDITIONAL IMAGES



## Overview

### High-Performance Polymerization Reactor

This final polymerization reactor is engineered for demanding petrochemical processing and refinery applications. Built with a robust combination of SA516Gr.70 and SA240Gr304 materials, it ensures structural integrity and corrosion resistance in high-stress environments. The unit features a complex internal heat exchange system and is designed to handle rigorous temperature and pressure requirements for efficient final-stage polymerization.

## Technical Specifications

Materials of Construction	SA516Gr.70, SA240Gr304
Design Pressure (Barrel)	1.05 MPa
Design Pressure (Jacket)	5.27 MPa
Operating Temperature Range	21°C to 315°C
Total Weight	96.23 T

## Dimensions

### Standard Dimensions

**2794 mm**

Diameter

**17903 mm**

Length