



Nylon (PA6/PA66) Compounding & Processing Plant - 11,400 TPY

Capacity: 11400 TPY

Process Information: Engineering plastics compounding plant producing nylon, polypropylene, and polyethylene specialty compounds.

Major Equipment:

- Werner & Pfleiderer ZSK 58 mm Twin-Screw Extruder (capacity 1200 kg/hr)
- Berstorff 90 mm Twin-Screw Extruder
- 5" Single-Screw Extruder for Densification
- Extraction Tanks
- Vacuum Dryers
- Conair Dryer
- Polymer Storage Silos
- Pneumatic Conveying Systems
- Glass Fiber Handling Systems
- Automated Bagging Lines (25 kg bags)
- Bulk Packaging Machine
- Robotic Pelletizing System (KUKA)
- Injection Molding Machine
- Laboratory Equipment

Brief Plant Description

Complete, integrated engineering plastics compounding plant designed to produce high-performance Nylon (PA6/PA66) compounds. Total Compounding Capacity: approximately 11,000 - 12,000 metric tons per year. The facility includes twin-screw extrusion, single-screw extrusion for densification, drying and finishing systems, material handling, in-house laboratory testing, and automated packaging – enabling full-scale production from raw polymer to finished product. Proven in the manufacture of OEM-grade materials, the plant offers immediate capability for both high-volume and specialty compound production. The plant produced several grades of nylon products: Unreinforced PA6/PA66, Zytel® 70G/73G/74G/80G Resins, Glass Reinforced PA6/PA66, Zytel® ST Resins, Super Tough Grade PA6/PA66, Minlon® Resins, Mineral Filled, FR Grades. The plant can also process other base polymers such as polypropylene and polyethylene.

**For more
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