



COMPANY CASE STUDY

Improving On time delivery performance for a dope dyed Polyester manufacturer

Challenges



Too many shades in the orderbook



Too many constraints for planner



Customers frequently requesting changes in schedules

Key Focus Areas

- Improving delivery compliance
- Enhancing effective utilization
- Streamlining inventory norms
- Reducing order to delivery lead time

What we did?

- Developed a collaborative model to schedule capacity proactively than reactively
- Using customer priorities, rolled out 15-day Frozen Schedule cycles
- Develop **Schedule Optimization Metrics** to measure the efficiency of the plan
- Capacity planning based on hybrid **Make-to-Forecast** and Make-to-Order model
- **Masterbatch Inventory planning** based on Safety stock, Min-Max levels and inventory thresholds

Key Results

30%

On-time Delivery Improvement

40%

Planning Efficiency improved

30%

Masterbatch Inventory reduction

15%

Masterbatch On-time delivery improvement