PolyOne’s OnCap™ CTR provides customized solutions for process optimization, enabling customers to expand production capacity, improve cycle times and reduce scrap rates.

The OnCap™ CTR technology has been tested and proven compatible across a wide range of polymers and should work in your application. In addition, the PolyOne technical service team can work with you to provide a hassle-free experience when you implement this solution.

The PolyOne technical service team makes trialing and implementation hassle free.

Value
Why OnCap™ CTR?
OnCap™ CTR can grow your bottom line by:

• Creating additional capacity without capital expenditure:
  • Increased production throughput—25 percent or more cycle time reductions
  • Reduced or eliminated cooling operations
  • Deferred or eliminated capital expenditures

OnCap™ CTR can improve your profitability by enabling you to produce more of your product within a given time and increase your production with your existing equipment within a given time.

• Improving production efficiencies: By reducing your production cycle times, you are decreasing total production cost, which can result in increased profitability and stronger competitive advantage.

• Improving quality: Solidifying parts faster with OnCap™ CTR means the dimensions and properties are locked in sooner, so that you can demold parts or even eliminate secondary operations without compromising quality.
In addition to improving efficiencies, OnCap™ CTR gives you control of your operation by helping to resolve the following common issues:

- Warpage and material shrinkage
- Pigment leveling
- Aesthetic issues such as haze or lack of clarity

**Can OnCap™ CTR Help Your Business?**

If any of the following are true for your operation, OnCap™ CTR can help you grow your bottom line:

- Limited production capacity
- Tooling with four cavities or less
- High scrap rates due to dimensional stability issues
- Long cooling times
- Thick parts
- High-volume production

**Applications**

OnCap™ CTR process optimization solutions are customized for each customer’s application and process. Results are most effective in applications using Polyethylene, Polypropylene, and Nylon with recommended use rates ranging from 0.5% to 4.0%.

Contact your PolyOne representative to learn more about OnCap™ CTR and determine if it can help you grow your bottom line.