

OnCap™ CTR Process Optimization Solutions

Product Description

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.

Product choices often vary by region due to differences in regulatory and agency requirements, availability and other key factors. Please contact your nearest sales office for assistance in choosing the right solution for your locale.

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