

Introducing Chem-Trend Ultra Purge™ C6090

A solution that liquefies polycarbonates and doesn't allow them to solidify during the temperature change process. This is primarily used for automotive headlamps and rear lamps. It's one product that allows for a smooth transition between PC and PMMA.

WHAT IS IMPROVING?

Quality improvements to final products will contribute to waste reduction. Plus, the need for one purging compound vs. two will improve waste reduction, process efficiencies, and upstream resources.



WHAT DOES IT SOLVE?

This innovative product allows for a smooth transition between PC (processed at high temperatures) and PMMA (processed at low temperatures). It prevents issues related to either freezing at PMMA processing temperatures or burning at PC processing temperatures.

Cleaning with other purging compounds usually causes milky traces for a long time in the transparent materials. Ultra Purge™ C6090 prevents quality issues and creates more consistency, while helping create a more streamlined, simple, and efficient process.

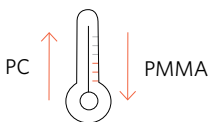
It's one complete and flexible solution that overcomes common industry issues. This allows for one purging agent for those with one machine for both materials.

HOW IS IT USED?

- Ultra Purge™ C6090 is a concentrate.
- For a material change from PC to PMMA, a 50:50 mixture should be prepared of Ultra Purge™ C6090 and PMMA.
- For color change in PC, a 25:75 mixture should be prepared of Ultra Purge™ C6090 and PC.
- For a material change from PMMA to PC, a 25:75 mixture should be prepared of Ultra Purge™ C6090 and PC.

Ultra Purge™ C6090 Breakdown

WHAT MAKES IT INNOVATIVE?



This innovative product allows for a smooth transition between PC and PMMA. It allows for a PC processing temperature from 280°C to 320°C (536°F to 608°F) and of PMMA from 190°C to 270°C (374°F to 518°F).

WHAT ARE THE BENEFITS?

It reduces quality issues and creates more consistency, while helping create a more streamlined, simple, and efficient process.



A solution that liquefies polycarbonates and doesn't allow them to solidify during the temperature change process.

WHAT DOES IT PROVIDE?

QUALITY



It's one flexible solution to overcome a common industry issue — black specs — for those with one machine for both materials.