



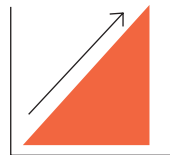
Ultra Purge™

PURGE YOUR BIGGEST FRUSTRATIONS AND KEEP MOVING FORWARD

Why Purging Compounds?



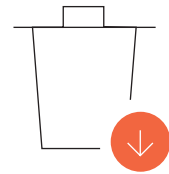
The right purging compound can provide remarkable opportunities for your operation:



**IMPROVED
PRODUCT
QUALITY**

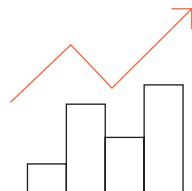


**REDUCED
DOWNTIME**



**REDUCED
SCRAP
RATE**

The most advanced purging compounds do more than just clean — they quickly address and prevent process challenges. You can significantly improve your thermoplastic operations with Chem-Trend purging compounds, which are up to 20 times more efficient at color and material changeover than traditional solutions.



UP TO 20X MORE EFFICIENT
for color or material changeover
than traditional purging solutions

Choose Ultra Purge™

Chem-Trend's Ultra Purge™ purging compounds provide the best-in-class solution for all your purging needs — from general to more tailored solutions.

**ULTRA PURGE™ CUSTOMERS TYPICALLY
USE 2-3 TIMES LESS MATERIAL**
compared to conventional
mechanical purging compounds



FORMULATED FOR	APPLICATIONS	COMPATIBLE EQUIPMENT
<ul style="list-style-type: none"> • Color change • Material change • Scrap reduction • Carbon/black speck removal • Screw pull • Preventative maintenance 	<ul style="list-style-type: none"> • Automotive plastic parts • Caps/closures • Housewares • Packaging (rigid & flexible) • Plastic medical parts • Metal replacement parts 	<ul style="list-style-type: none"> • Injection Molding • Blow Molding • Blow Film • Extrusion • PET Preform Production • Hot Runners¹
PRODUCTION BENEFITS	HSE BENEFITS	
<ul style="list-style-type: none"> • Easy to use • Time savings (shorter color and material changeover times) • Material savings • Lower scrap • Higher quality yield • Lower machine maintenance cost • Moldable 	<ul style="list-style-type: none"> • Safe for operator: no harmful fumes • Safe on mold surface • Food contact certified/NSF registered • Material use reduced due to lower scrap rate • Lower energy consumption due to decreased production downtime • Recyclable² 	



1. Chem-Trend is a proven partner of Husky Injection Molding Systems, helping them experience faster hot-runner color changes, 85% reduction in scrap, and 80% increase in mold-cleaning efficiency.
2. Check SDS to find the correct recycle stream.

Product Highlights



ULTRA PURGE™ 1004 SERIES FOR ON-THE-FLY THIN WALL PACKAGING PURGING APPLICATIONS

The Ultra Purge™ 1004 series is designed to purge your machines on the fly without stopping production. With its specially engineered chemical formulation, Ultra Purge™ 1004 allows you to change color in 60% less time compared to traditional methods.

Benefits:

- No abrasive components
- Moldable and ejectable
- No machine settings need to be changed
- No soak time required
- Reduces overall machine downtime when performing dark-to-light color changes for all polyolefin resins

ULTRA PURGE™ 3615 FOR EASY AND EFFICIENT COLOR CHANGEOVERS IN BLOW MOLDING APPLICATIONS

Ultra Purge™ 3615 helps transition from a dark to light color more easily. It is effective at removing carbon and improving machine shutdowns. 3615 utilizes a self-emptying chemical technology to improve cleaning efficiency of the screw and accumulators/heads.

Benefits:

- Reduction in color-change downtime
- Decrease in material cost
- Significant cost savings per purge



Product Line

RESIN TO BE PURGED	GRADES	TEMPERATURE RANGE	READY-TO-USE OR CONCENTRATE	INJECTION MOLDING		PET PREFORMS	EXTRUSION					
				SCREWS & BARRELS	HOT RUNNER SYSTEMS	INJECTION MOLDING	SCREWS & DIES COMPOUNDING MASTERBATCH	BLOWFILM	SHEET EXTRUSION	BLOW MOLDING WITH ACCUMULATORS	BLOW MOLDING W/O ACCUMULATORS	SCREW PULL
PPS, PSU, PEEK, ULTEM	Ultra Purge™ HT+	250-400°C 482-752°F	Ready-to-use	x			x					
PP, PE	Ultra Purge™ 1004	190-250°C 374-482°F		x	x							
ABS, ASA, PA, GPPS, HIIPS, PC, SAN, PBT, PET...	Ultra Purge™ HIGH-E	190-320°C 374-608°F		x	x		x		x			
ABS, ASA, PA, GPPS, HIIPS, PC, SAN, PBT, PET...	Ultra Purge™ 5000/5100	190-320°C 374-608°F		x	x	x	x		x			
PET	Ultra Purge™ PET-E	190-320°C 374-608°F		x	x	x			x		x	
PP, PE, HDPE, LDPE, LLDPE, HIIPS, GPPS, TPO	Ultra Purge™ PO/PO+	170-300°C 338-572°F		x	x		x		x			
General purpose crystalline resin	Ultra Purge™ 1220/1320/2300	160-350°C 320-662°F		x	x		x		x	x	x	
PPS, PSU, PPO, PEEK, ULTEM	Ultra Purge™ 9000 T	200-410°C 392-770°F		x	x		x		x			
PP, PE, PC, PMMA, PVC, PA, ABS	Ultra Purge™ 3615	170-300°C 338-572°F		x		x	x		x		x	x
PP, PE, PC, PMMA, PVC, PA, ABS	Ultra Purge™ 3060	170-300°C 338-572°F								x		x
PC	Ultra Purge™ 5001	220-330°C 428-626°F	Concentrate	x	x		x		x			
PP, PE, HDPE, LDPE, LLDPE, HIIPS, GPPS, TPO...	Ultra Purge™ PO-C	170-320°C 338-608°F		x	x		x	x	x			
PC, PMMA	Ultra Purge™ C6090	220-330°C 392-626°F		x	x		x		x			
PC	Lusin® Clean 1500	220-350°C 428-662°F		x	x		x		x			