

# ULTRA PURGE PRODUCT OVERVIEW

**ULTRA  
PURGE**

Don't just purge...Ultra Purge!™



Produced by:

**MOULDS PLUS**  
INTERNATIONAL

# ULTRA PURGE PRODUCT OVERVIEW

Ultra Purge is a ready-to-use purging compound designed to increase productivity during color and material changes. Ultra Purge is highly recommended by major machine and colorant producers as the most cost-effective and efficient solution for cleaning your machines. It will reduce scrap and downtime during color changes, material changes and shut downs by 50 to 80%. Ultra Purge is Food Grade certified and all components are GRAS by the FDA.



## HOW ULTRA PURGE WORKS:

Ultra Purge is a nonabrasive, chemical purging compound. Ultra Purge works by breaking the molecular bonds of the polymers and pigments that contaminate your machine. These contaminants are then safely ejected without harming the screws, barrels and even hot runner systems. Ultra Purge is effective for color changes, material changes and removing black specks. An expanding agent present in Ultra Purge allows it to clean even the most hard to reach areas inside your machines. Ultra Purge cleans at the processing temperature of the previous production material.

## FOR USE WITH:

- Injection molding machines
- Hot runners
- Extrusion machines
- Blow molding machines
- Blow film machines

## ULTRA PURGE CLEANS:

- Screws
- Barrels
- Hot runners
- Accumulators
- Head of extruders

## ULTRA PURGE BENEFITS:

- Food Contact Certified
- GRAS by FDA
- Recyclable
- No soak time required
- Does not emit odors/gasses
- Reduces downtime
- Reduces scrap resin
- Does not damage machinery
- Preserves equipment from steel oxidation



Recommended by:

**HUSKY**

*Keeping our customers in the lead*

# ULTRA PURGE PRODUCT LINE

PRODUCT GRADES	DESCRIPTION	OPERATING TEMPERATURE	PURGED RESIN	APPLICATIONS
<b>HT</b>	Works best with high temperature resins during color changes, material changes and shut downs.	555°F - 752°F or 290°C - 400°C	PPS NORYL PPO PEEK PSU ULTEM GRIVORI HT	Injection Molding, Hot Runners and Extruders
<b>HIGH-E</b>	Very low residual purging compound. Ideal for color to clear change overs and removal of carbon deposits.	374°F- 608°F or 190°C - 320°C	PA PBT PC PMMA PS SAN	Injection Molding, Hot Runners, Extruders and Blow Molding without accumulators
<b>5060</b>	Low residue chemical/mechanical purging compound designed for removal of carbon deposits.	374°F - 608°F or 190°C - 320°C	ABS GPPS PA HIPS PS PMMA PC PET PBT SAN	Injection Molding Hot Runners, Extruders and Blow Molding without accumulators
<b>LOW-E</b>	Works best with low temperature resins.	284°F - 500°F or 140°C - 260°C	EVA TPE PVC TPR POM TPU	Injection Molding, Hot Runners, Extruders and Blow Molding without accumulators
<b>PET-E</b> Distributed by Husky!	Specifically formulated for PET. Ideal for PET preform applications.	374°F - 608°F or 190°C - 320°C	PET	Injection Molding, Hot Runners, Extruders and Blow Molding without accumulators
<b>P-O</b>	Specifically designed to clean Polyolefin resins. Moldable grade.	338°F - 572°F or 170°C - 300°C	HDPE PE LDPE PP LLDPE TPO	Injection Molding, Hot Runners, Extruders and Blow Molding without accumulators
<b>PLUS</b>	All purpose chemical purging compound. Moldable grade.	374°F - 608°F or 190°C - 320°C	ALL PURPOSE USAGE	Injection Molding, Hot Runners, Extruders and Blow Molding without accumulators
<b>5050</b>	Mechanical and chemical purging compound. Moldable grade ideal for removal of moderate carbon deposits.	364°F - 665°F or 190°C - 350°C	ALL PURPOSE USAGE	Injection Molding, Hot Runners and Extruders
<b>ME-C</b>	Designed for hard to clean situations where a chemical and mechanical cleaning is necessary for removal of severe carbon deposits.	374°F - 665°F or 190°C - 350°C	ALL PURPOSE USAGE	Injection Molding and Extruders
<b>PO-C</b> Concentrated Grade	Concentrated formula designed to clean Polyolefin resins.	338°F - 572°F or 170°C - 300°C	HDPE PE LDPE PP LLDPE TPO	Injection Molding, Extruders, Hot Runners, Blow Molding without accumulators and Blow Film Machines
<b>9010</b> Concentrated Grade	Concentrated formula designed to clean engineering resins.	284°F - 608°F or 140°C - 320°C	ABS PET PA PMMA PBT PS PC SAN	Injection Molding, Hot Runners, Extruders and Blow Molding without accumulators
<b>PET-C</b> Concentrated Grade	Concentrated formula of the PET-E grade. Ideal for PET preform applications.	374°F - 608°F or 190°C - 320°C	PET	Injection Molding, Hot Runners, Extruders and Blow Molding without accumulators
<b>BP</b> Concentrated Grade	Concentrated formula specifically designed to clean machines producing thin-wall parts with stack molds.	364°F - 752°F or 190°C - 400°C	HDPE PE LDPE PP LLDPE TPO	Injection Molding and Hot Runners
<b>CE-E</b> Concentrated Grade	Concentrated grade designed for extrusion blow molding applications.	284°F - 500°F or 140°C - 260°C	EVA PVC PE TPE POM TPR PP	Extruders and Blow Molding with accumulators

CONTACT US FOR A FREE NO-HASSLE SAMPLE

## ABOUT MOULDS PLUS INTERNATIONAL

With production facilities in Italy, United States and Mexico, Moulds Plus International currently services the European, North American, South American, African and Asian markets.

Our plastics engineers, operating from our on-site laboratories, are dedicated to continuous research, product development and the manufacturing of high-quality Ultra Purge products. We constantly test and refine our Ultra Purge cleaning compound.

In partnership with major plastic resin, colorant and machinery producers around the world, we strive to provide effective purging compounds to meet our client's unique needs. Our mission is to be the leading producer of the most easy-to-use, cost-effective and eco-friendly purging compound in the plastics industry.

At Moulds Plus, we strongly believe in building close, lasting relationships with our clients. Our reputation is built on providing quality products, impeccable customer service and competitive pricing.

Moulds Plus International specializes in these industries:

- PET preform production
- Automotive plastic parts
- Packaging
- Caps/closures
- Plastic medical parts
- Housewares

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