



**ULTRA
PURGE**

Don't just purge... *ULTRA PURGE!*™

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Why Ultra Purge?

Ultra Purge is a ready-to-use nonabrasive chemical purging compound designed to increase productivity during color changes, carbon removal and material changes.

Ultra Purge is recommended by major machine and colorant producers as the most cost-effective and efficient solution for cleaning plastic processing machines. Contaminants are safely ejected without harming the screw, barrel or hot runner. Expanding agents in Ultra

Purge allow the material to clean even the most hard to reach areas inside your machines. Ultra Purge is effective for color changes, material changes and black specks removal. Ultra Purge works at the processing temperature of the production material.

ULTRA-X™



The next generation purging technology

Innovative cleaning technology that helps plastic processors be competitive.

50% TO 80% MORE SAVINGS

Ultra Purge is more efficient when compared to other purging solutions. Scrap, downtime, color changes, material changes and shut downs will be significantly improved.

SAFE FOR THE EQUIPMENT

Ultra Purge is recommended by major international hot runner and machinery manufacturers. Ultra Purge is safe for screw, barrel, hot tip and valve gated hot runner systems.

FOOD GRADE CERTIFIED

All components are GRAS by the FDA as substances added indirectly to human food. Ultra Purge also meets the strict European food contact criteria.

SAFE FOR THE OPERATOR

Ultra Purge does not produce any odors or harmful fumes. It is safe for the operator and the production facility environment.

ECO-FRIENDLY

50% less Ultra Purge is required in comparison to mechanical purging compounds. Certain Ultra Purge grades may be recycled, sold back to scrap dealers or mixed in with regrind and molded into parts.

Why use this much conventional mechanical purging compound...

Ultra Purge customers typically use 2 to 3 times less material compared to mechanical purging compounds.



...when you can use much less Ultra Purge?

Applications

The purging solution for all plastic applications.

Injection molding & hot runners

PET preform production

Extrusion blow molding

Blown and sheet film

Masterbatch compounding



Industries

AUTOMOTIVE



Maximizing profits in the competitive automotive industry is imperative to success. Ultra Purge provides a fast and easy solution for dark to light color changes. Ultra Purge offers tailored grades for the automotive industry that are easy to use and work effectively in purging screws, barrels and hot runners.

HOUSEWARES



With Ultra Purge's safe chemical technology, colorants and carbon deposits are softened and easily removed from extruders, injection units and hot runners. Depending on the resin and application a specific Ultra Purge solution will help solve your purging-related challenges.

FOOD AND PACKAGING



Ultra Purge offers customized grades for high cavitation single face and stack tools. Ultra Purge is 100% moldable which allows for color changes on the fly. All Ultra Purge ingredients are GRAS by the FDA and meet EU food contact requirements.

TECHNICAL COMPONENTS



Ultra Purge offers specialized solutions that work with a wide variety of resins and temperatures. Our solutions are hot runner safe and can be molded. These Ultra Purge grades also prevent the oxidation of polymers during shut downs and start ups.

MEDICAL



Ultra Purge offers various purging solutions that are completely safe for use in the medical industry. Our R&D team can assist with the validation of Ultra Purge for the use in your medical applications. Ultra Purge has passed the strict migration tests to comply with the EU food contact certification requirements.

ELECTRONIC COMPONENTS



Electronic components are often molded out of high temperature resins. Ultra Purge offers high temperature grades that are effective during material changes and carbon removal.

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ULTRA PURGE PRODUCT LINE

RESIN TO BE PURGE	GRADES	TEMPERATURE RANGE		READY-TO-USE CONCENTRATED	CHEMICAL / MECHANICAL	INJECTION MOLDING		PET PREFORMS	EXTRUSION						
		CELSIUS	FAHRENHEIT			SCREWS AND BARRELS	HOT RUNNER SYSTEMS		INJECTION MOLDING	SCREWS AND DIES COMPOUNDING MASTERBATCH	BLOWN FILM	SHEET EXTRUSION	BLOW MOLDING WITH ACCUMULATORS	BLOW MOLDING WITHOUT ACCUMULATORS	
PPS, PSU, PEEK, ULTEM...	HT +	250 - 400	482 - 752	READY-TO-USE	MECH	✓			✓						
When going to PC	PC	220 - 340	428 - 644		CHEM	✓	✓		✓		✓				
When going to PMMA, Transparent polyamides, CA, CAB	PMMA	200 - 280	392 - 536		CHEM	✓	✓		✓		✓				
ABS, ASA, PA, GPPS, HIPS, PC, SAN, PBT, PET...	5160 ULTRA-X	190 - 320	374 - 608		HYBRID	✓	✓		✓		✓				
PET	PET-E	190 - 320	374 - 608		CHEM			✓			✓				✓
PP, PE, HDPE, LDPE, LLDPE, HIPS, GPPS, TPO...	P-O	170 - 300	338 - 572		CHEM	✓	✓		✓		✓				
Universal - All purpose	5150 ULTRA-X	160 - 350	320 - 662		HYBRID	✓	✓		✓		✓		✓	✓	✓
PP, PE, HDPE, LDPE, LLDPE, TPO, TPR, EVA...	9015	140 - 300	284 - 572	CONCENTRATED	CHEM					✓			✓	✓	
PP, PE, HDPE, LDPE, LLDPE, HIPS, GPPS, TPO...	PO-C	170 - 320	338 - 608		CHEM	✓	✓		✓	✓	✓				

ABOUT US

Moulds Plus International has production facilities and sales offices in Italy, United States and Mexico. Distributors are located throughout the world (Africa, Europe, Asia, North America and South America) to serve the local markets.

Plastic engineers operating from our on-site laboratories are dedicated to continuous research, product development and the manufacturing of high quality products. Moulds Plus International has also partnered with major resin, colorant and machinery producers around the world in order to develop the best purging solutions for our client's unique needs. Our mission is to produce the highest quality product that is easy to use and ecofriendly. At Moulds Plus International, our reputation is built on providing quality and safe products, impeccable customer service and competitive pricing.

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