

Ultra Purge™ 5000

Ready-To-Use Purging Compound





Food | Injection molding | Extrusion | Screw and barrel | Hot Runner | Sheet | Color change | Material change | Black Specks | Shut Down | Temp. Transition

DESCRIPTION

Ultra Purge™ 5000 is a ready-to-use purging compound with Ultra-X™ technology. Suitable for use in injection molding machines and extrusion lines. Consists of high quality thermoplastic polymers as well as highly efficient cleaning additives. All components of the formulation of Ultra Purge™ 5000 are in compliance with: EU Regulation No 10/2011 and US-American legislation for food contact materials (21 CFR).

BENEFITS

- Rapid cleaning effect
- Easy to use
- High efficiency
- Wide range of applications

APPLICATION

Ultra Purge™ 5000 can be used for the cleaning of screw, barrel and nozzle of injection molding machines and extrusion lines. Also suitable for the cleaning of hot-runners of injection molding machines. The product is suitable for colour and material changes as well as for removal of black specks. Superior results are obtained when periodic cleaning is performed.

Ultra Purge™ 5000 can be used at processing temperatures from 190°C / 374°F to 320°C / 608°F.

Request your customized instructions on how to use Ultra Purge™ 5000 by contacting your nearest sales office or local distributor. Please read carefully the SDS before using Ultra Purge™ 5000.

Polymers and blends	Suitability
Amorphous resins	++
PA	+
PET	++
Styrenics	+
TPE	+
TPU	+

RECYCLING

In cooperation with Fraunhofer IVV, Ultra Purge™ purging compounds were tested for recyclability. When blended up to 5% (by weight) in compatible and incompatible polymers, Ultra Purge™ purging compounds did not alter the physical or chemical properties of the resulting polymer mixture. Nevertheless, suitability tests must be carried out by the customer to confirm that the use of recycled purging compound does not create manufacturing or quality issues. Please note that neither Fraunhofer IVV nor Chem-Trend will accept any warranty or guarantee for the usability, or liability for damages resulting from the use, of any processing remainders of Ultra Purge™.
This recycling statement is not valid for use in PET preform applications.

TYPICAL PROPERTIES

Appearance: Grayish-brown and transparent granules mixed with grayish-brown tablets.
These are typical values and should not be used to set specifications.

STORAGE

Ultra Purge™ 5000 should be stored indoors in a dry area at room temperature.

HANDLING

For further information on storage, handling, hazards, etc., please refer to the appropriate Safety Data Sheet. Do not use after the expiration date shown.

SHELF LIFE

Approximately 18 months.

PACKAGING

Ultra Purge™ 5000 is available in a variety of package sizes. Please contact Chem-Trend customer service for details.

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FURTHER INFORMATION

Please request information on our complete range of products for Thermoplastics: Purging Compounds, Mold Cleaners, Degreasers, Mold Protectants, Lubricants and Release Agents.

LEGAL NOTICE

The technical information and suggestions for use contained herein are based on our general experience and knowledge at the time of publication and are intended to give information of possible applications to a professional with technical experience. It does not release the customer from the obligation of performing their own tests with the product selected for a specific application. While the information and suggestions are believed to be accurate and reliable, nothing stated in this document is to be taken as a warranty either expressed or implied.

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