

Purgex™ 3057 Plus

Polyethylene

Neutrex, Inc.

Message:

Blend, polyethylene, 3% glass, and FDA-approved active component

Non-toxic, non-abrasive and safe

Ready to use and easy to remove

Temperature Range:

Operating temperature range of 300°F to 600°F (149°C to 316°C)

Applications:

PURGEX 3057 Plus thoroughly removes all types of colorants and engineering resins, such as nylon and polycarbonate, from the barrel, screw, and nozzle of thermoplastic resin injection molding, extrusion, or blow molding equipment, as well as hot runner systems.

PURGEX 3057 Plus includes a modified polyethylene for higher temperature resins. PURGEX 3057 Plus can be used for rapid turnaround on color and material changes with challenging resins such as LCP, PBT, and PPO, on alloys such as PC/ABS, and is recommended for glass- or mineral-filled applications. This blend operates up to 600°F (316°C) with a five minute soak, or higher temperatures without a soak.

General Information	
Uses	Cleaning compound
Processing Method	Extrusion
	Injection molding

Injection instructions
Empty barrel of production resin.
Add PURGEX 3057 Plus to the hopper (a minimum of 1.5 times the injection capacity).
Purge the barrel until PURGEX exits the nozzle.
Soak five minutes at processing temperature with barrel full and screw in forward position.
Purge barrel to empty.
Follow with next production resin, rinsing PURGEX from machine. Resume molding.

Extrusion instructions
Empty extruder.
Remove screen.
Seal vent.
Fill extruder with PURGEX 3057 Plus.
Make certain extruder is full and PURGEX is exiting the nozzle as a foaming material.
Soak five minutes at processing temperature.
Add the next resin to be extruded and remove all PURGEX from the extruder.
When it appears that PURGEX has been completely removed, replace the screen, open the vent, and commence production.

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