

Purgex™ 456 Plus

Polyethylene

Neutrex, Inc.

Message:

Blend, polyethylene, and FDA-approved active component

Non-toxic, non-abrasive, and safe

Ready to use and easy to remove

Temperature Range:

Operating temperature range of 280°F to 550°F (138°C to 288°C)

Applications:

PURGEX 456 Plus is used for color and/or material changes and the removal of residual contamination in thermoplastic injection molding, extrusion, or blow molding equipment.

PURGEX 456 Plus will efficiently purge the barrel, screw, and nozzle, as well as hot runners. This blend removes all types of colorants and commodity resins, including polypropylene, polyethylene, and their copolymers. PURGEX 456 Plus is used to neutralize HCl gasses in PVC purging applications.

PURGEX 456 Plus assures rapid turnaround on color and material changes with polyolefins and their copolymers, styrenics polymers, acetals, vinyls, TPO, TPU, and many more resins processed in this temperature range.

General Information	
Uses	Cleaning compound
Processing Method	Extrusion
	Injection molding

Injection instructions
Empty barrel of production resin.
Add PURGEX 456 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 456 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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