

PRODUCT INFORMATION

Purgex™ 461 Commercial Purging Compound is a ready-to-use blend consisting of active ingredients with a polyethylene carrier. Purgex™ products have mechanical activity for efficient cleaning, foaming action for enhanced mixing and a lubricant for easy removal. Purgex™ thoroughly and safely cleans injection molding machines and hot runner systems. All active ingredients in Purgex™ are Generally Recognized As Safe (GRAS) by the US FDA.

Physical Description:

- Blend, polyethylene and an FDA-approved active component
- Non-toxic, non-abrasive, and safe
- Ready to use and easy to remove

Process:	<input type="checkbox"/> Injection Molding	<input type="checkbox"/> Injection Blow Molding	<input type="checkbox"/> Extrusion-Blow Molding	<input type="checkbox"/> Extrusion-Profile
	<input type="checkbox"/> Extrusion-Compounding	<input checked="" type="checkbox"/> Extrusion-Sheet	<input checked="" type="checkbox"/> Blown Film	
Works Best on These Resins:	<input checked="" type="checkbox"/> LDPE		<input checked="" type="checkbox"/> LLDPE	
Amount Needed:	Use 15 lbs of Purgex™ 461 per 100 lbs of throughput. Note: After Purgex™ is used on a regular basis, the amount used to purge can often be reduced by 25 to 50%.			
Temperature Range:	250°F to 450°F (120°C to 232°C)			
Recommended for:	<input type="checkbox"/> Hot Runners	<input type="checkbox"/> Mixing Nozzles	<input type="checkbox"/> Check Valves	<input type="checkbox"/> Accumulators
	<input type="checkbox"/> Cold Runners	<input checked="" type="checkbox"/> Extrusion Dies	<input checked="" type="checkbox"/> Melt Pumps	

Features & Benefits:

- ✓ Designed for blown film applications, Purgex™ 461 cleans the extruder, screen pack housing and die/manifold, removing all types of contamination and improving overall film appearance.
- ✓ Effective for frequent purging schedules.
- ✓ May be used in certain extrusion lines without removing the screen pack.
- ✓ Thorough cleaning of melt pumps and is safely processed through dies as small as .030-inch (0.75mm).
- ✓ Efficient removal of compostable and biodegradable resins.
- ✓ With regular use, Purgex™ forms a temporary barrier which protects steel surfaces from oxidation, extending the cleaning process.