



Dyna-Purge versus "Chemical" Purge Products

DYNA-PURGE	CHEMICAL PURGE PRODUCTS
Minimize Downtime & Reduce Scrap...	
Dyna-Purge is designed to clean on the first pass, minimizing machine downtime to maximize your productivity. Because Dyna-Purge cleans on the first pass, less scrap is produced, which reduces the amount of valuable resin wasted.	Most chemical purging products require soaking in the barrel to allow the chemical reaction to occur. Soaking time means lost productivity. Also, chemical products are formulated to alter the viscosity of the resident material to allow it to flow out of the machine; less viscous products will not remove carbonized material.
Easy to Use...	
Dyna-Purge is packaged ready to use. There is no soaking, mixing, or waiting necessary, so there are no hidden costs. Consistent results can be achieved, making it easier to track key metrics.	Many chemical products are concentrates that require accurate measurement and letdown into a carrier resin. These products must be evenly dispersed and blended to be effective. This adds complexity and adds room for error. It also adds time and reduces overall productivity.
Dyna-Purge is introduced at the resident resin processing temperature; it does not require adjusting the machine temperature or RPM speed.	Some chemical products require adjustments to the temperature and RPM settings. These changes can lead to additional downtime.
Economical...	
Only a small amount of Dyna-Purge is needed to purge quickly and effectively.	Concentrated chemical products require mixing with a carrier, adding a "hidden cost." Accurate measurement of the concentrate is required. Too much increases the cost without improving the performance. Too little may give poor results. Time wasted by measuring, mixing and blending means lost productivity.
Dyna-Purge has an unlimited shelf life.	Chemical products have a limited shelf life and may expire; liquid concentrates may evaporate/dry or cake.
Versatile Application	
Dyna-Purge is available in a variety of formulations to match specific processes and temperatures.	"One product fits all" solutions cannot deliver optimal results.
Safe To Use ...	
Dyna-Purge is non-chemical and non-abrasive. It does not cause wear on machines. It is safe for machines and operators, and safe for disposal.	Some chemical products have active chemical ingredients that may react with some resins to release noxious fumes or with the metal surface in the barrel and screw causing staining, pitting or other damage. Some chemical products may require special handling for disposal.
All Dyna-Purge grades are formulated with FDA compliant ingredients and feature a fresh scent that eliminates odors often associated with purging.	Some chemical products may not be FDA compliant and may produce irritating or offensive fumes.
Dyna-Purge is thermally stable; it can be left in the machine for shutdown and start-up.	Some chemical products are not heat stable or safe to be left in the barrel for shutdown. Incorrect shutdown procedures will result in carbon buildup at start-up.

