



## Dyna-Purge versus "In-House" Plastic Resins

DYNA-PURGE	"IN-HOUSE" PLASTIC RESINS
<b>Minimize Downtime &amp; Reduce Scrap...</b>	
<p>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.</p>	<p>The large volume of resin needed to displace the resident material results in a substantial loss in production time. Resin may "displace" resident material, but will not "clean."</p>
<b>Easy to Use...</b>	
<p>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 metrics.</p>	<p>Some virgin resins are hygroscopic and will need to be dried before using. Reground resin loses some of its properties when initially processed and also, must be ground, stored and set aside for purging.</p>
<p>Dyna-Purge is introduced at the resident resin processing temperature; it does not require adjusting the machine temperature or RPM speed.</p>	<p>Temperature and RPM settings may need to be adjusted to enhance the viscosity of the resin to be effective.</p>
<b>Economical...</b>	
<p>Only a small amount of Dyna-Purge is needed to purge quickly and effectively. Dyna-Purge has an unlimited shelf life.</p>	<p>Generally 4 times the capacity of the complete machine is needed - more in most cases.</p>
<b>Versatile Application...</b>	
<p>Dyna-Purge is available in a variety of formulations to match specific processes and temperatures.</p>	<p>Resins are designed for processing - not purging and cleaning.</p>
<b>Safe To Use ...</b>	
<p>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.</p>	<p>Resins filled with glass or minerals are abrasive to your equipment. Through repeated use, filled resins may cause pitting, wear, change to machine tolerance, or other damage.</p>
<p>Dyna-Purge is thermally stable; it can be left in the machine for shutdown and start-up.</p>	<p>Few resins have start-up temperature stability. Incorrect shutdown procedures will result in decomposition and carbon buildup.</p>
<p>All Dyna-Purge grades are formulated with FDA compliant ingredients and feature a fresh scent that eliminates odors often associated with purging.</p>	<p>Some resins may not be FDA compliant and may produce irritating or offensive fumes.</p>

