

# MP Series

## Technical Data Sheet



### Product Description

RapidPurge MP1000 and MP900 Series are thermoplastic purging compounds used in injection molding, extrusion and blow molding machines to facilitate rapid color changes, material changes and the removal of color or carbon deposits.

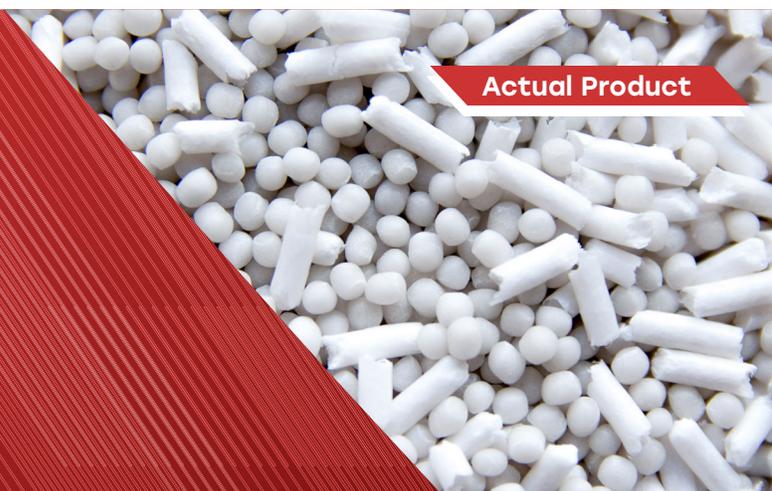
The proprietary mineral package used in the MP Series was designed specifically for its hardness and angular structure for maximum cleaning. With foaming agents that expand the purge into low-flow areas, the MP1000 family aids the cleaning of the hard-to-reach areas, including the back of screw flights. The MP900 family is non-foaming, comprised of FDA/GRAS ingredients.

### Features & Benefits

<b>High-Performance Mechanical Formulation</b>	Designed for quick color or material change-overs. Mechanical additives effectively remove stubborn colors and deposits.
<b>Equipment</b>	Can be used in all plastic processing equipment; hot runner safe; can go through downstream equipment out to open die; RapidPurge is inert to metal.
<b>Pre-Mix</b>	"Ready to Use" pre-mixed grades can be used right from the container - No mixing necessary.
<b>Pellet Form</b>	Easy feed and handling; can be hopper loaded.
<b>No Temperature Changes</b>	Can be run through machines at operating temperatures.
<b>No Machine Speed Adjustments</b>	Run through machines with screw at normal RPMs.
<b>Heat-Activated Foaming Additives</b>	Expand the purge into negative flow areas. <i>MP1000 Series Only</i>
<b>Shelf Life</b>	Indefinite in sealed container.

### Physical Properties

Processing Temperature	English	Metric
MP900/MP1000	380f-570f	193c-300c
MP900HT/MP1000HT	450f-725f	232c-385c
MP900LT/MP1000LT	350f-450f	177c-232c
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Minimum Orifice	.008 inches	.203mm
Minerals	Ground to 45 microns / 325 mesh	
Screen Packs	Recommend removal to prevent blockage of degraded materials	



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