

Dyna-Purge® M

Proprietary

Dyna-Purge, division of Shuman Plastics

Message:

Most versatile & widely used in the Plastics Industry

DYNA-PURGE M is a versatile non-abrasive, non-chemical engineered thermoplastic purging compound, formulated to flow naturally through the barrel and hot runner system of the injection molding machine, as well as extrusion equipment. Two non-melting but softening thermoplastic ingredients scrub, while an exclusive proprietary additive helps to remove any contamination without leaving a residue.

FEATURES & BENEFITS:

Developed for color changes, resin changes, preventative machine maintenance and before manual cleaning

Excellent for purging through hot runner systems with a minimum clearance of 0.030 inch (0.75 mm)

Effective through a wide temperature range 350°F to 600°F(177°C to 315°C)

Easy to use - no process adjustment necessary - use at the resident resin processing temperature and RPM speed

Non-abrasive, non-melting but softening thermoplastic, which thoroughly loosens carbonized and degraded resin, allowing it to be flushed out of the system

Safe, non-hazardous, with no chemicals - ingredients are FDA compliant

Heat stable - recommended during shutdown and start-up

Low "cost-per-purge" - only small quantity needed to be effective

No mixing required - simply use "as is"

Unlimited shelf life

General Information	
Uses	Cleaning compound
Agency Ratings	FDA not rated
Forms	Particle
Processing Method	Compound extrusion
	Extrusion
	Extrusion blow molding
	Sheet extrusion molding
	Profile extrusion molding
	Injection molding

Additional Information
Applications:
Injection - cold and hot runners
Extrusion - profile, sheet, compounding & blow molding
Temperature Range: 350 - 600°F (177 - 315°C)
Types of Resins: All
Minimum Clearance: 0.030 inch or 0.75 mm
Amount of Purge: 1 to 2 times barrel capacity (actual amount needed depends on machine conditions)

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