

Dyna-Purge® P

Proprietary

Dyna-Purge, division of Shuman Plastics

Message:

Designed for Hot Runner Systems

DYNA-PURGE P is a non-abrasive, non-chemical engineered thermoplastic purging compound, formulated to have a natural flow through the barrel and hot runner system of the injection molding machine. An advanced formulation, with dual action scrubbing, expands into tight channels and negative flow areas to loosen and remove degraded material.

FEATURES & BENEFITS:

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

Developed for purging through hot runner systems with a minimum clearance of 0.025 inch (0.65 mm)

Effective through a wide temperature range 320°F to 575°F(160°C to 302°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	Injection molding
Additional Information	

Applications: Injection - cold and hot runners

Temperature Range: 320 - 575°F (160 - 302°C)

Types of Resins: All

Minimum Clearance: 0.025 inch or 0.65 mm

Amount of Purge: 1 to 2 times barrel capacity (actual amount needed depends on machine conditions)

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