

Dyna-Purge® K

Proprietary

Dyna-Purge, division of Shuman Plastics

Message:

"Dual Power" cleaning for a broad range of low-temp resins

DYNA-PURGE K is a low-temperature, non-abrasive, non-chemical engineered thermoplastic purging compound, formulated to flow naturally through the machine. Two unique ingredients provide for a "dual power" cleaning experience. A non-melting but softening thermoplastic scrubs while a proprietary additive expands, removing any contamination without leaving behind a residue.

FEATURES & BENEFITS:

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

Excellent for purging through equipment with a minimum clearance of 0.025 inch (0.65 mm) or greater

Effective through a wide range of temperatures - 290°F to 550° F (143°C to 287°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 a small quantity is 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
	cast film
	Sheet extrusion molding
	Profile extrusion molding
	Injection molding

Additional Information
Applications:
Injection - cold and hot runners
Extrusion - profile, sheet, cast film & compounding
Temperature Range: 290 - 550°F (143 - 287°C)
Types of Resins: PP, PVC, TPE, TPO, TPR, TPU & other low temperature resins
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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