

Dyna-Purge® C

Proprietary

Dyna-Purge, division of Shuman Plastics

Message:

Designed for Clear and Transparent Resins

DYNA-PURGE C is a clear, non-abrasive, non-chemical engineered thermoplastic purging compound, formulated to purge high clarity resins such as PET, GPPS, PC, SAN and PMMA. A proprietary additive expands allowing for the purge to reach and clean all areas of the machine. The carrier matrix then flushes away the previous resin and other impurities, eliminating any "milky drag" or residue.

FEATURES & BENEFITS:

Excellent for transition to clear or transparent resin, preventative machine maintenance, and before manual cleaning

Excellent for purging through hot runner systems, dies, or other downstream equipment

Effective through a wide temperature range 380°F-590°F(193°C-310°C)

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

Non-abrasive 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	Blow molding
	Compound extrusion
	Extrusion
	Sheet extrusion molding
	Profile extrusion molding
	Injection molding
Additional Information	
Applications:	
Injection - cold and hot runners	
Extrusion - profile, sheet, compounding, blow molding	
Temperature Range: 380 - 590°F (193 - 310°C)	
Types of Resins: PET, GPPS, PC, SAN, PMMA as well as other clear and transparent resins	
Minimum Clearance: None	
Amount of Purge: 1 to 2 times barrel capacity (actual amount needed depends on machine conditions)	

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