



DYNA-PURGE[®] SF

Product Information Sheet

Designed for Profile, Sheet, Blown & Cast Film

DYNA-PURGE SF is a non-abrasive, non-chemical “engineered” thermoplastic purging compound with a proprietary additive, which allows the purge to expand and scrub the screw and barrel, die, and other downstream equipment. The material is designed for extruders and co-extruders that have limited clearances related to screenpacks, mixing or metering devices, etc., when processing profile, sheet, blown and cast film.

FEATURES & BENEFITS OF DYNA-PURGE SF

- Excellent for color changes, resin changes, preventative machine maintenance, and before manual cleaning
- Ideal for use when screen packs can't be removed from the extruder, when the die head has clearance of less than .025 inch (.65 mm), or for when there are metering and mixing devices
- Effective through a wide temperature range 320°F-575°F(160°C-302°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

Dyna-Purge is the top performing purging compound on the market today. The product line offers superior cleaning and economic value over in-house methods and other commercial purging compounds. We invite you to sample Dyna-Purge at no charge, so you can prove it to yourself. Dyna-Purge, the industry leader for over 25 years!

See other side for information on “Suggested Operating Procedures”

SUGGESTED OPERATING PROCEDURES DYNA-PURGE® SF

	INJECTION	EXTRUSION
	N / A	
Temperature Range:		320° F - 575° F (160° C - 302° C)
Types of Resins:		All
Hot runner systems:		N / A
Screen Packs or other flow restrictions:		No restrictions
Amount of Purge:		Approx. 10 lbs.(4.5 kgs) per diameter inch(2.5 cm) of screw; L:D dependent

SAFETY FIRST: Before performing this procedure, it is the machine operator's responsibility to be familiar with the equipment in use, to wear the appropriate personal protective equipment, and to make sure that unauthorized persons are clear of the affected area.

SUGGESTED PROCEDURE FOR PURGING THE BARREL AND SCREW

1. Maintain temperature / RPM settings for resident resin.
2. Thoroughly clean the hopper.
3. Empty barrel and starve the screw of the resident resin.
4. Aggressively meter Dyna-Purge, one scoop at a time, into empty hopper or side port. (Actual amount used depends on the condition of the machine prior to purging.)
5. Purge continuously through the die opening.
6. Continue to add Dyna-Purge until the compound flushed out of the machine is clean and free of contamination. Empty the barrel and starve the screw of Dyna-Purge.
7. Adjust temperature settings for your next production resin.
8. Flush out Dyna-Purge residue with next resin.
9. Start the production run with next resin.

YOUR EQUIPMENT IS NOW READY FOR YOUR NEXT PRODUCTION RUN!

- SEE OUR SUGGESTED PROCEDURES FOR SHUTDOWN & START-UP ●

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