



DYNA-PURGE® X

Product Information Sheet

Designed for Profile, Sheet, Cast Film & Compounding

DYNA-PURGE X is a non-abrasive, non-chemical “engineered” thermoplastic purging compound, designed to have a natural flow through the extruder. An advanced formulation with dual action scrubbing expands into negative flow areas, loosening and removing degraded material. This grade is designed for extruders that process tubing or pipe, sheet, other profile applications, as well as cast film and compounding.

FEATURES & BENEFITS OF DYNA-PURGE X

- Excellent for color changes, resin changes, preventative machine maintenance, and before manual cleaning
- Developed for purging through the barrel, die head, and other downstream equipment with a minimum clearance of .025 inch (.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 is 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[®] X

	INJECTION	EXTRUSION
	N / A	
Temperature Range:		320° F - 575° F (160° C - 302° C)
Types of Resins:		All
Minimum Clearance:		Die- .025 inch or .65 mm
Hot runner systems:		N / A
Screen Packs or other flow restrictions:		Combination of 20, 40, 60 or 80 mesh. 100 or more use SF
Amount of Purge:		Up to 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 used 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. The 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 the 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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