

Dyna-Purge® X

Proprietary

Dyna-Purge, division of Shuman Plastics

Message:

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:

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

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

Additional Information	
Applications: Extrusion - profile, sheet, cast film & compounding	
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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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

