

Dyna-Purge® X Purging Compound

Category : Polymer , Thermoplastic , Purging Compound

Material Notes:

Designed for Sheet & Profile Extrusion
General Description: DYNA-PURGE X is a non-abrasive, non-chemical "engineered" thermoplastic purging compound, formulated to have a natural flow through the extruder. A non-melting but softening thermoplastic scrubs the screw and barrel, while the carrier matrix flushes away impurities. The material is designed for extruders and co-extruders that process tubing or pipe, sheet, and other profiles. 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 needed to be effective"
No mixing required, simply use "as is"
Unlimited shelf life

Order this product through the following link:

http://www.lookpolymers.com/polymer_Dyna-Purge-X-Purging-Compound.php

Processing Properties	Metric	English	Comments
Processing Temperature	160 - 302 Â°C	320 - 576 Â°F	Extrusion

Descriptive Properties	Value	Comments
Amount of Purge (Extrusion)	Approx. 10 lbs per diameter inch of screw	L:D dependant
Minimum Orifice (Extrusion)	.025in, .65mm	Die
Screen Packs or other flow restrictions (Ext.)	Combination of 20, 40, 60 or 80 mesh; 100 or more, use SF or F	
Types of Resins	All	

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