

Dyna-Purge® E Purging Compound

Category : Polymer , Thermoplastic , Purging Compound

Material Notes:

Designed for Purging High-Temperature Engineering Resins
General Description: DYNA-PURGE E is a high heat-resistant, non-abrasive, non-chemical "engineered" thermoplastic purging compound, formulated to purge high-temperature engineering resins. A non-melting but softening thermoplastic scrubs the screw and barrel of both injection molding machines and extruders, while the carrier matrix flushes away impurities.
FEATURES & BENEFITS OF DYNA-PURGE E
Excellent for color to clear changes, resin changes, preventative machine maintenance, and before manual cleaning
Effective through a wide temperature range 590°F-700°F (310°C-371°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-E-Purging-Compound.php

Processing Properties	Metric	English	Comments
Processing Temperature	310 - 371 Â°C	590 - 700 Â°F	Injection
	310 - 371 Â°C	590 - 700 Â°F	Extrusion

Descriptive Properties	Value	Comments
Amount of Purge (Extrusion)	Approx. 10 lbs per diameter inch of screw	L:D dependant
Amount of Purge (Injection)	Approx. 2 lbs per diameter inch of screw	
Minimum Orifice (Extrusion)	.03in, .75mm	Die
Minimum Orifice (Injection)	.03in, .75mm	Nozzle
Screen Packs or other flow restrictions (Ext.)	Must be removed (otherwise use Dyna-Purge X,SF or F)	
Screen Packs or other flow restrictions (Inj.)	Must have minimum clearance of .03in (.75mm)	
Types of Resins	High temperature engineering resins	

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