

Dyna-Purge[®] M Purging Compound

Category : Polymer , Thermoplastic , Purging Compound

Material Notes:

Most versatile & widely used in the Plastics Industry
General Description: DYNA-PURGE M is a versatile non-abrasive, non-chemical engineered thermoplastic purging compound, formulated to flow naturally through the barrel and hot runner system of the injection molding machine, as well as extrusion equipment. A non-melting but softening thermoplastic scrubs the screw and barrel, while the carrier matrix flushes away impurities.
FEATURES & BENEFITS OF DYNA-PURGE M
 Developed for color changes, resin changes, preventative machine maintenance and before manual cleaning
 Excellent for purging through hot runner systems with a minimum clearance of .030 inch (.75 mm)
 Effective through a wide temperature range 350°F to 600°F (177°C to 315°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-M-Purging-Compound.php

Processing Properties	Metric	English	Comments
Processing Temperature	177 - 315 °C	351 - 599 °F	Injection
	177 - 315 °C	351 - 599 °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	All	

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