

Dyna-Purge® P Purging Compound

Category : Polymer , Thermoplastic , Purging Compound

Material Notes:

Designed for Hot Runner Systems
General Description: DYNA-PURGE P is a non-abrasive, non-chemical "engineered" thermoplastic purging compound, formulated to have a natural flow through the barrel and hot runner system of the injection molding machine. A non-melting but softening thermoplastic scrubs the screw and barrel, while the carrier matrix flushes away impurities.
FEATURES & BENEFITS
OF DYNA-PURGE P
Excellent for color changes, resin changes, preventative machine maintenance, and before manual cleaning
Developed for purging through hot runner systems 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-P-Purging-Compound.php

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

Descriptive Properties	Value	Comments
Amount of Purge (Injection)	Approx. 2 lbs per diameter inch of screw	
Minimum Orifice (Injection)	.025in, .65mm	Nozzle
Screen Packs or other flow restrictions (Inj.)	Must have minimum clearance of .025in (.65mm)	
Types of Resins	All	

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