

Dyna-Purge[®] K Purging Compound

Category : Polymer , Thermoplastic , Purging Compound

Material Notes:

Designed for a broad range of "Low-Temp" resins

General Description: DYNA-PURGE K is a low-temp, 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 K

- 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 .025 inch (.65 mm)
- Effective through a wide temperature range 290°F to 550°F (143°C to 287°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-K-Purging-Compound.php

Processing Properties	Metric	English	Comments
Processing Temperature	143 - 287 °C	289 - 549 °F	Injection
	143 - 287 °C	289 - 549 °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)	.025in, .65mm	Die
Minimum Orifice (Injection)	.025in, .65mm	Nozzle
Screen Packs or other flow restrictions (Ext.)	Combination of 20, 40, 60 or 80 mesh; 100 or more, use SF or F	
Screen Packs or other flow restrictions (Inj.)	Must have minimum clearance of .025in (.65mm)	
Types of Resins	PP, TPE, TPO, TPR & other low temperature resins	

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