

WHY WASTING TONS OF MONEY ON SCREW AND BARREL PURGING

Are you tired of **Machine Downtime, Material Wastage, Colour Change Issue** and **Black Speck Issue**? Here's your solution!

Injection
Blow
Moulding
Extrusion

PurgeMax®

High Performance Cost Saving Purging Solution



Now with PurgeMax, you can cut cost by **35%** to **75%** or more!
Just toss PurgeMax into the barrel and start *saving*!

FEATURES

- + Harmless To Screw & Barrel
- + Effective on Hot Runner
- + Functioning From 150°C To 400°C
- + Non-Toxic
- + RoHS & EN71 Compliance
- + Injection, Blow Moulding & Extrusion

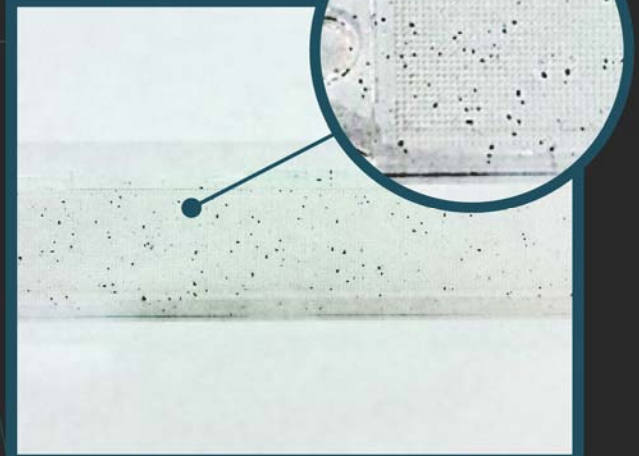
BENEFITS

- + Significantly Reduce Machine Downtime
- + Significantly Reduce Material Wastage
- + Improve Rejection Rate
- + Company Revenue Improved
- + Spared from Screw Dismantling



Easy To Use

*Won't contaminate hopper.
(Follow PurgeMax Purging Guideline)*



Significantly Reduce Black Speck

Solve your black speck issue and increase productivity, improve reject rate etc.



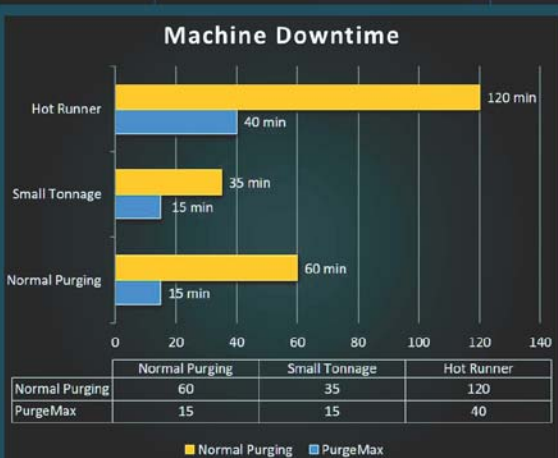
Effective on Hot Runner

Cleaning/purging hot runner system is a lot easier & cost effective with PurgeMax.



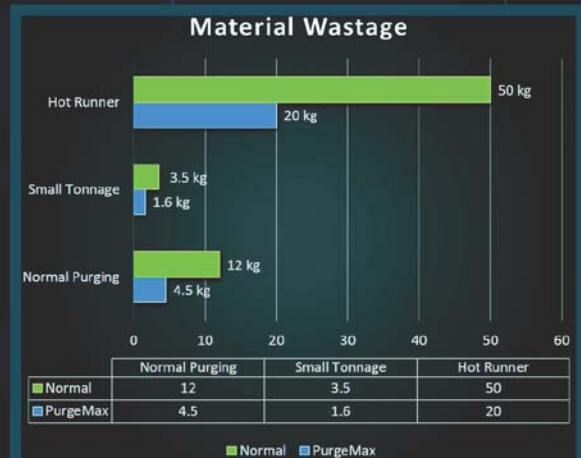
Fast Color Change

Running different colors on one machine is no longer an issue.



Machine Downtime Case Study

Maximize the effectiveness of every machine.



Material Waste Case Study

Improve company revenue, keep your material waste to the minimum.

INJECTION MOULDING PURGING GUIDELINE

Standard purging process does not require purgemax mixing with purging resin. Soaking prior to purging is not required also.

PURGEMAX USAGE CHART

Screw Diameter	Dosage
Below 25 mm - 45 mm	1-2 Packet
46 mm - 85 mm	2-4 Packets
86 mm - 125 mm	4-7 Packets
126 mm - 165 mm	7-9 Packets
166 mm - 205mm	9-12 Packets
206mm - 245 mm	12-15 Packets

- Step 1** Maintain processing profile for resin in the machine (Minimum temperature 150°C)
- Step 2** Empty the screw and barrel of residual resin.
- Step 3** Place PurgeMax directly into hopper and follow with purging resin immediately.
- Step 4** Purging process can be done by purging or injection.
- Step 5** Continuous purging until resin appears natural and clean.
- Step 6** Purging process is complete, resume with standard procedures for next job.

* With applications that require more than one PurgeMax (refer PurgeMax Usage Chart), place one PurgeMax into the hopper and follow with a small amount of purging resin and repeat until entire dosage has been added then charge the barrel with purging resin.

* User can also place a small amount of purging resin before PurgeMax.

** For hot runner and manifold system, purge a small amount from the nozzle before proceed to open mold purging or injection.

NOTE A

How many kilograms of resin should be used for purging?

First time user, prepare 50% of your average purging resin quantity used.

Example :

Normal purging resin quantity is 10kg. Prepare 5kg of your usual purging resin (crushing/original), follow the Purging Guideline and start purging process.

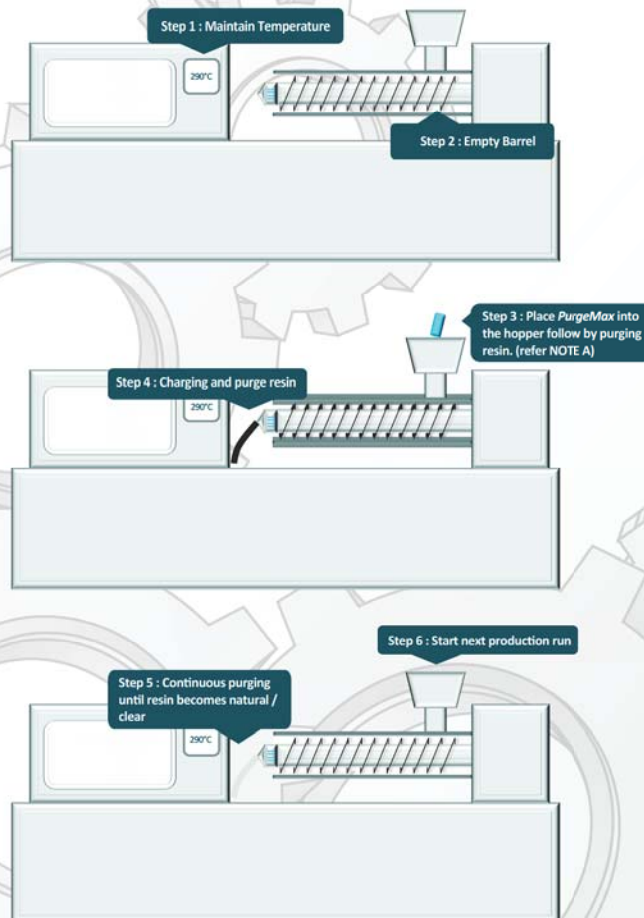
Continuous purging until purging resin becomes natural and clean.

The total quantity of purging resin used for purging are your wastage and the rest would be your saving.

NOTE

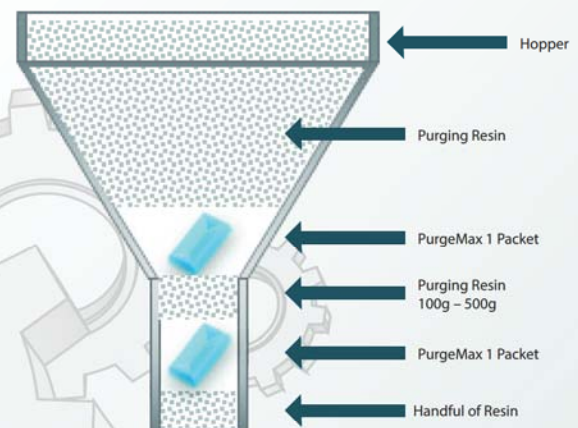
Small amount of smoke may appear during purging. Although not very common but it is a normal condition.

ILLUSTRATION FOR INJECTION MOULDING



For dosage of more than 1 packet, user may consider layering PurgeMax in between purging resin to optimize purging process.

Purging resin in between PurgeMax is around 100g to 500g depending on machine size.



INJECTION MOULDING PURGING GUIDELINE HIGH CARBON LAYER

We've created another grade called Purgemax Black Speck Buster specifically for customers who have serious carbon built up on the screw and barrel. However, this product is currently not available in the market as the demand is not great. A customer with 100 machines might only a few machines which are riddled with stubborn black specks and Black Speck Buster will be able to rid of such black specks as it contains soft abrasive ingredients. We will be happy to supply this grade to our customers FOC if required.

For Black Speck Buster detail application and dosage, kindly contact our respective sales channel.

NOTE

Upon first trial/testing, users do not necessarily have to use Black Speck Buster because there are cases where users claimed their barrels were heavily contaminated but sometimes even Standard purging will do the job.

Small amount of smoke may appear during purging. Although not very common but it is a normal condition.

BLOW MOULDING PURGING GUIDELINE

PURGEMAX USAGE CHART

Machine Capacity	Dosage
1 - 3 Liter	1 - 2 Packets
4 - 6 Liter	2 - 4 Packets
7 - 10 Liter	4 - 7 Packets

- Step 1** Maintain processing profile for resin in the machine. (minimum temperature 150°C)
- Step 2** Empty the screw and barrel of residual resin.
- Step 3** Place PurgeMax directly into hopper and follow with purging material immediately.
- Step 4** Purging process can be done by purging or injection.
- Step 5** Continuous purging until resin appears natural and clean.
- Step 6** Purging process is complete, resume with standard procedures for next job.

** With applications that require more than one PurgeMax (refer PurgeMax Usage Chart) , place one PurgeMax into the hopper and follow with a small amount of purging resin (layering) and repeat until entire dosage has been added then charge the barrel with purging resin.*

NOTE

Small amount of smoke may appear during purging. Although not very common but it is a normal condition.

For more information please visit our website www.purgemax.com and download your desired documents.

**Cost To
Purge**

RoHS

EN71

MSDS

Testimonial

Contact our respective sales channel for assistance

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