

Purging Compound

Energy Saving Solution

PURGE is high efficiency ready-to-use purging compound which provides fast and effective color, material change and contaminant removal in the machine without disassemble. PURGE will reduce machine downtime and/or maximize productivity. This product is designed for cleaning various types of the machines i.e., injection molding machines, blow molding machine, blown film machine, sheet casting machine, sheet/profile extrusion machine.

X PURGE GRADE		Recommend Temperatur and Material				Type of Machine		Feature
		140-240°C	200-240°C	240-290°C	290-340°C	Injection	Extrusion	
GX168		PVC,TPE, PE				✓	✓	General Grade
EX20T			POM, PP, PS, ABS, PC/ABS PA6, PBT, PA6 +GF		PA66+GF, LCP	✓	✓	High Heat Stability
PX319 <small>NEW</small>			PE, PP, PS, ABS, PC/ABS PA6, PBT, PA6 +GF			✓		Low smoke and Smell Superior Efficiency

Comply with US, FDA, RoHs and REACH regulation

GUIDELINE OF X PURGE FOR INJECTION MACHINE

Recommended quantity of the clamping force. PURGE according to the clamping force.

Clamping Force (Ton)	Recommended Quantity (kg)
100	1.5
200	3.0
550	6.0
750	8.0
1,200	15.0

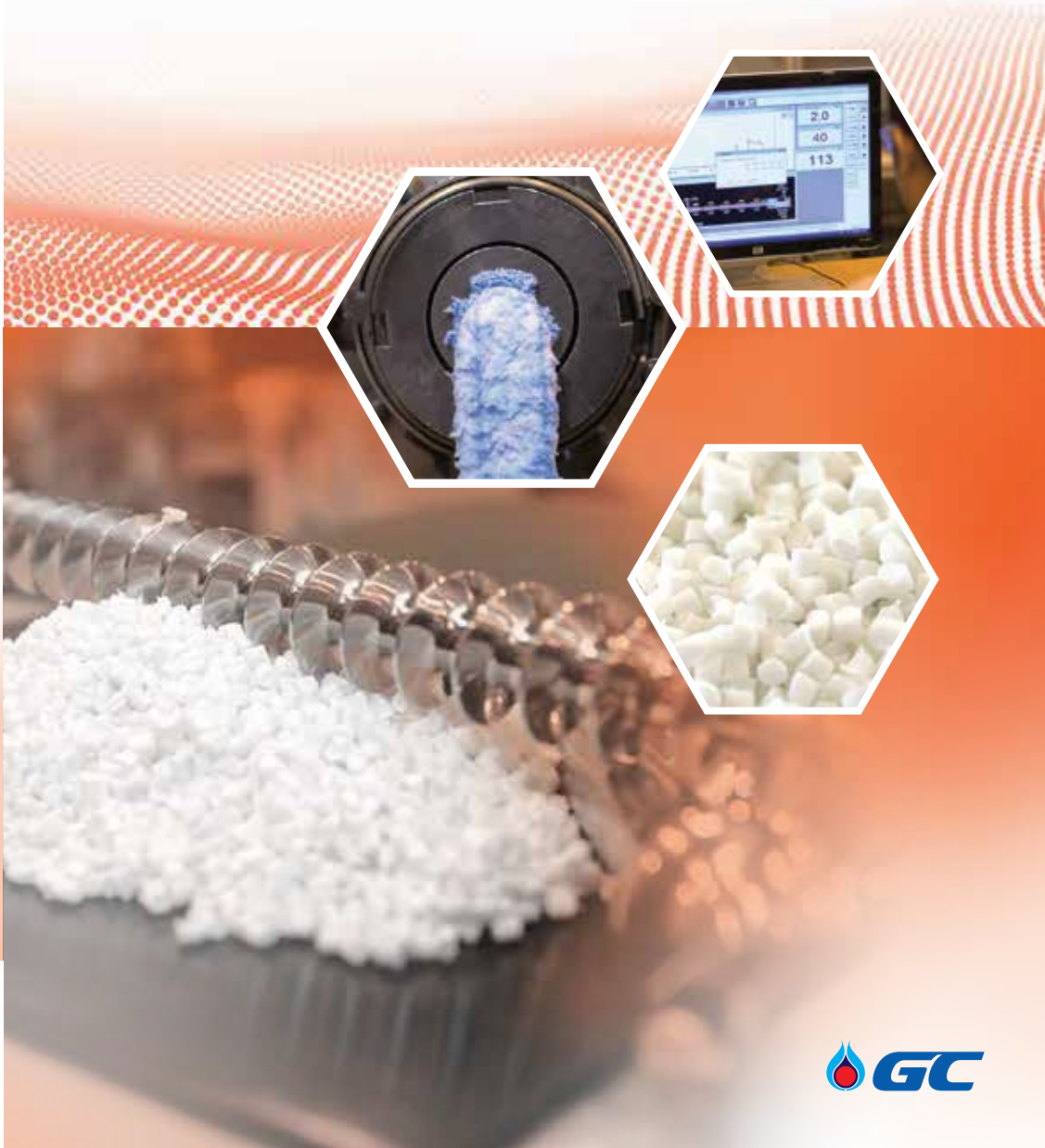
GUIDELINE OF X PURGE FOR BLOW MOLDING, BLOWN FILM AND EXTRUSION MACHINE

Recommended quantity of the screw diameter. PURGE according to the screw diameter.

Screw Diameter (mm)	Recommended Quantity (kg)
65	10
90	14
100	20
120	25

Remark: Blending with resin at ratio 50:50 is recommended for the best cleaning
The actual amount required may depending on equipment and material

PURGING COMPOUND





by **GCC**

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FAST



SAFE AND EASY



EFFICIENCY

X PURGE GRADE

GX168

GENERAL PURPOSE GRADE

Suitable Working
Temperature range from

140 to 240 °C
Good Heat Stability

Applicable for Commodity products such as PE, PP and PVC.

EX20T

HIGH HEAT RESISTANT GRADE

Suitable Working
Temperature range from

200 to 340 °C
Excellent Heat Stability

Applicable for Engineering and Commodity products such as ABS, POM, PC, SAN, PS, PET, PP etc.

PX319

**LOW SMOKE AND SUPERIOR
PERFORMANCE GRADE**

Suitable Working
Temperature range from

200 to 300 °C
Low smoke Good smell

Applicable for PE, PP, PS, ABS, PC/ABS, PA6, PBT, PA6+GF



Comply with US, FDA, RoHS and REACH regulation



“FAST AND EFFECTIVE PURGING MATERIAL”

CLEANING OR CHANGEOVER PROCEDURES:



Step I. Preparing

- 1 • Clean hopper & Empty the barrel by running machine until the material is used up.
• Reduce screw speed to 30-50%
• Remove screen pack (if, machine is equipped).



Step II. Cleaning by X PURGE

- 2 • Pour **X PURGE** into the hopper.
• Purge continuously until machine is completely clean.



Step III. Flushing the X PURGE

- 3 • Run machine until **X PURGE** is used up.
• Flushing out the remaining **X PURGE** by using the next desired material.



Step IV. Starting next production

- 4 • Adjust processing condition to normal & install screen pack (if, machine is equipped).
• Start next production.

Value gain calculation link

