



Use
Barrel Blitz
UNIVERSAL
to bring your old
machinery
back to
life



The first truly universal purging compound
for all materials 160°C-340°C

aquapurge
purging with the
professionals

Barrel Blitz Universal (BBU) is a true evolution in purging, comprising a stable, easy clearing polymer and Aquapurge's proprietary Scrubber Concentrate. Its three primary uses are: colour changes, material changes and – where it truly comes into its own – clearing carbon.

This clearing carbon – by which we mean fully degraded materials and plate-out from concentrated pigments or additives – can be done in isolation. But, more importantly, it will be done every time you use **BBU** for colour or material changes.



- a** Screw processing TPU, extracted for photo and replaced "uncleaned"
- b** Purged with **BBU** until clean
- c** Screw extracted for photo inspection



Mixing section of POM Ø30mm screw extracted for photo and replaced "uncleaned"



BBU purging clearly shows carbon evident in purge

x50
zoom

Barrel Blitz Universal (BBU) is evolutionary for cleaning the screw, barrel and nozzle of the injection moulding machine. Its many advantages include:

- amazing carbon removal
- above average colour and material changing
- effective from 160°C (320°F) to 340°C (644°F)
- easily cleaned out by any material, including clear ones as well – (no milky mouldings)
- can be used as a strip-down material (ask for instructions)
- effective for much higher temperature materials if reduced to 340°C (644°F) while purging

So what does all this mean?

Changing to clear

If you want to change from FR PC/ABS to clear SAN as soon as the flame retardant job finishes, purge immediately with **BBU**, change the tool, reduce heats to SAN temperatures and purge with SAN until clear.

Removing black specks

If you start getting specks during a POM run, stop and purge with **BBU** until the purgings look clean, and then go back to POM. (Depending on your quality requirements you may need to check the purge with a loop or magnifying instrument. Photos 1-4 give a demonstration of just this point.)

Pulling screws

If you want to pull the screw after running GF Nylon 66, purge with **BBU**, reduce heats to 240°C (464°F), purge with some more **BBU**, dismantle the equipment and remove **BBU** while hot.



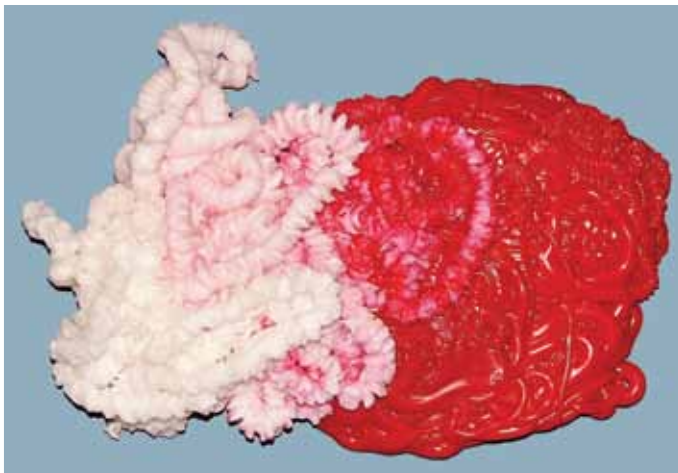
“Clean” **BBU** purge



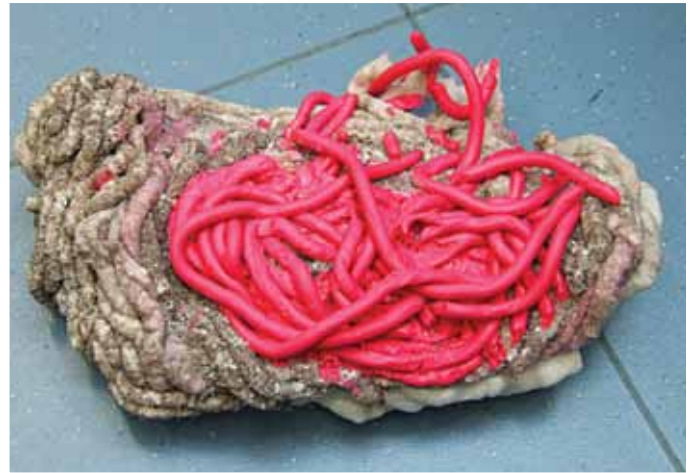
Clean mixing section extracted for photo and inspection

Ton	Colour/Material Changes	1st Time Carbon Removal	Regular Use Carbon Removal
50	0.25	Up to 1.5	0.5
100	0.5	Up to 3	1
250	1.25	Up to 7.5	2.5
500	2.5	Up to 15	5
750	3.75	Up to 22.5	7.5
1000	5	Up to 30	10

How would you prefer your machine?



Normal cleaning with purging compounds



Barrel Blitz Universal (BBU) clean

Your local distributor:



Aquapurge Ltd, Unit 2, Argent Trade Park, Pump Lane, Hayes, Middlesex UB3 3NB
T: +44 (0) 20 8813 7990 e: enquiries@aquapurge.com

www.aquapurge.com