

Visit Report

To : WNGJ
 Cc : LIAW, FNM, CAAG, GUOS, LINR, XUEA,
 FUJT, ZHAI, LAIC
 From : JIAW

Date of visit: 11&12 May. 2023
 Date of report: 15 May. 2023

GPWELL(Ningbo)

Participants	:	Customer	:	Mr. Mike Cui(<i>Operation Manager</i>) Mr. Zhang Dean (<i>Tooling Manager</i>)
		EMS	:	W. Jiang
OEM	:	GPWELL		
Sales responsible	:	WNGJ		
Distributor	:	No		
Location	:	Ningbo		
Application	:	Coffee Machine		
Segment Code	:	480		
Project number	:	Running project		
Material	:	Grivory HT1V-5 FWA		
USP	:	Hot water resistance and High strength		
Potential	:	20t		
SOP	:	Running project		



1. Target of visit

- Molding trial support to get good parts with proper processing.

2. Summary

- Molding trial done, 30 pcs good parts produced for assembly test.
- Due to more and more fake capsules in the market, customer optimized the design of brewing unit and opened a new tool.
- Suggestion of adding water-way in fix tool and adding thermal insulation plate were given to customer.

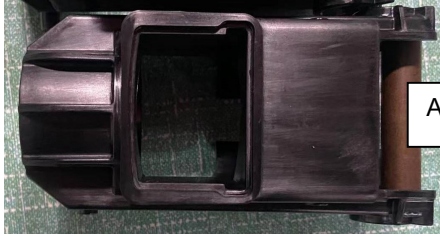
3. Details

- GPWELL is capsule coffee machine producer, their main customer is Delta Q and Bialetti.
- Sales volume of Delta and Bialetti is around 250,000 units/year, equal to 20t Grivory HT1V-5 FWA.
- Delta Q found there are too many fake capsules in the market recently years, and they re-designed the brewing unit to against the fake capsule.
- New tool was opened and fiber floating issue happened in T0 and T1 trial in tool maker and GPWELL ask EMS for support.



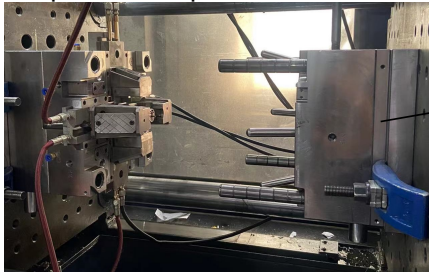
Fiber floating

- Fiber floating issue solved by increasing the tool temperature from 140°C to 190°C (actual 145°C), 30 pcs good parts produced for testing.



After improvement

- On site processing training was given to customer.
- Suggestion of adding thermal insulation plate was given to customer to insure stable tool temperature in production.



Add thermal insulation plate to insure stable tool temperature

4. Actions

No.	Action	Resp.	Due date
1	Molding trial support if needed.	JIAW	15 Jul. 2023

5. Attachments

N/A

Best regards,

JIAW