

Visit Report

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

Date of visit: 06 Jul. 2023
Date of report: 07 Jul. 2023

Kefan (可凡电器)

| | | | | |
|-------------------|---|---------------------------------------|---|------------------------------|
| Participants | : | Kefan | : | Mr. Zhang (Product Engineer) |
| | : | EMS | : | W. Jiang |
| OEM | : | Kefan | | |
| Sales responsible | : | CHNC | | |
| Distributor | : | No | | |
| Location | : | Ningbo | | |
| Application | : | Coffee Machine | | |
| Segment Code | : | 480 | | |
| Project number | : | 480-221103-1 | | |
| Material | : | Grivory HT1VA-4 FWA | | |
| USP | : | Heat resistance and success reference | | |
| Potential | : | 5 t/a | | |
| SOP | : | Q1. 2024 | | |



1. Target of visit

- Onsite trial support with proper processing condition.

2. Summary

- Molding trial done, 30 pcs parts produced for life cycle test (5000cycles).
- Onsite Grivory HT processing training was given to customer.
- Desiccant dryer and tool temperature control unit were strongly promoted to customer.

3. Details

- Kefan is a small household appliance company, their main product is milk frother and they started to develop capsule coffee machine in 2022.
- Grivory HT1VA-4 FWA was selected for several parts which contact hot water (>95℃).
- Kefan met processing issue of Grivory HT and ask EMS for support.
- Material was dried in ADC workshop, moisture content is 0.05%.
- Part was smoothly produced with proper parameter setting and pressure test shows good result: no deformation after 5 cycles pressure test (2.5MPa).







Deformation



2.5Mpa Pressure test

- Desiccant dryer was promoted to customer to dry Grivory HT

| Vacuum oven | Desiccant dryer | Hot air oven | Hopper dryer |
|---|---|---|---|
| 80– 100°C | Max. 80°C | Not recommended | |
| Min. 4 hours | 4-12 hours | | |
| | Dew point ≤: -40°C | | |
|  |  |  |  |



Hot air dryer used

- On site Grivory HT processing training was given to customer.

4. Actions

| No. | Action | Resp. | Due date |
|-----|-----------------------------------|-------|----------------------------|
| 1 | Obtain the life cycle test result | CHNC | 14 th Aug. 2023 |
| 2 | Technical support if needed | JIAW | 14 th Aug. 2023 |

5. Attachments

N/A

Best regards,

Will Jiang