

LABORATORY QUALITY CONTROL

It is very important for the production of high quality castings that wax properties are correctly controlled in our laboratories. The very strict quality control procedures employed by MORSA ensure consistency and compliance with important specifications. For example:

1. drop melt point
2. congealing point
3. ash content
4. penetration
5. viscosity

Beside these standard wax tests many more are possible like. ie. DSC, Linear expansion, rheology etc.



Incoming used wax & raw material input control:

The incoming wax from a foundry is specially marked and kept strictly separate so each customer receives back their own material in order to ensure exclusion of unwanted elements. Each customer receives a certificate of analysis for every batch.

Quality comparison: reconstituted versus virgin wax

No disadvantage to chemistry can be found in reconstituted wax.

There are no significant increases in key elements as well as no significant increases in ash content.

Specialised Waste Management license



LAB FACILITIES

Services:

- Wax testing
- Quality assurance according to ISO 9001:2008
- Research and Development
- Testing of raw input materials
- Technical reports
- Evaluation of incoming used wax
- Tailor / customer specific developments
- Collaboration with universities and external institutions
- Quality control of batches

