



## **Product Questionnaire** **Drier / Cooler**

### **Raw material data:**

- Product designation: \_\_\_\_\_
- Chemical designation: \_\_\_\_\_
- Composition:
  - \_\_\_\_\_ (%)
  - \_\_\_\_\_ (%)
  - \_\_\_\_\_ (%)
  - \_\_\_\_\_ (%)
  - \_\_\_\_\_ (%)
- Ash content: \_\_\_\_\_ (%)
- Foreign particles (e.g. metals): \_\_\_\_\_
- Product shape (meal, pellets, expanded product, crumbles etc.): \_\_\_\_\_
- Granular size distribution: \_\_\_\_\_ (mm)
- Bulk density: \_\_\_\_\_ (kg/l)
- Water content: \_\_\_\_\_ (% by weight)
- pH value: \_\_\_\_\_
- Temperature (inlet): \_\_\_\_\_ (°C)
- Softening temperature: \_\_\_\_\_ (°C)
- Melting temperature: \_\_\_\_\_ (°C)
- Flow properties: \_\_\_\_\_
- Other product properties (adhesive, hygroscopic, thixotropic): \_\_\_\_\_
- \_\_\_\_\_
- Product quantity: \_\_\_\_\_ (kg)
- Packing: \_\_\_\_\_

### **Particularities to be observed when handling the raw material:**

- Storage, packing, and disposal regulations: \_\_\_\_\_
- Handling instructions (danger to health, necessary protection measures, dust explosion hazard, safety data sheets etc.): \_\_\_\_\_
- \_\_\_\_\_
- **The products have to be marked clearly!**

### **Test aim and task:**

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– **Drying/cooling:**

– Max. temperature (indirect steam addition): \_\_\_\_\_ (°C)

– **Requirements on the final product:**

– Final moisture content: \_\_\_\_\_ (%)

– Final bulk density: \_\_\_\_\_ (kg/l)

– Final temperature: \_\_\_\_\_ (°C)

– Granular size distribution: \_\_\_\_\_ (mm)

– Other requirements: \_\_\_\_\_

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**Data after processing:**

– Required product quantity (sample) for subsequent tests: \_\_\_\_\_ (kg)

– **The customer must dispose of the complete test material!**

**Data for later production plant:**

– Requested capacity per hour: \_\_\_\_\_ (t/h)

– Plant execution (stainless steel, dust-tight, explosion protection etc.): \_\_\_\_\_

**Address:**

**Company/address**

**Date/Person in charge:**

**Notes:**