



## Product Questionnaire Mixer

### Raw material / carrier substance 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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### Additives:

– **Mixing/conditioning:**

- Mixing process (batch/continuous): \_\_\_\_\_
- State of the additives (liquid, powdery): \_\_\_\_\_
- Max. water addition: \_\_\_\_\_ (%)
- Max. processing temperature: \_\_\_\_\_ (°C)
- Direct or indirect steam addition: \_\_\_\_\_
- Further additives – addition quantities (molasses, fat, oil, solutions, powder etc.):  
\_\_\_\_\_ (%) (product specification if necessary)  
\_\_\_\_\_ (%)  
\_\_\_\_\_ (%)
- Will the additives be supplied together with the test material? \_\_\_\_\_

– **Requirements on the final product:**

- Final moisture content: \_\_\_\_\_ (%)
- Final bulk density: \_\_\_\_\_ (kg/l)
- Final temperature: \_\_\_\_\_ (°C)
- Granular size distribution: \_\_\_\_\_ (mm)
- Mixing quality: \_\_\_\_\_
- Other requirements: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### 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: