

Drying technology questionnaire

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General company information

Company name:

Address:

Country:

Department:

Contact person:

Phone no.:

E-mail:

Homepage:

Project name:

Form of input product

- Fluid Pourable Pumpable Pasty Set Sticky Clumpy
 Crumbly Free-flowing Powdery Abrasive Corrosive

Substance data for solids

Product Specific heat capacity KJ/KgK Permissible temperature °C Range of particle sizes

Substance data for liquids

Designation: Specific heat capacity in kJ/kgK:

Vaporization enthalpy in kJ/kg: Permissible temperature in °C:

Input moisture in %: Bulk density in kg/m³:

Viscosity in mPas: Input temperature in °C:

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End product

End moisture in %:

Bulk density in kg/dm³:

Permissible product temperature in °C:

Drying behavior

	Yes	No
Does a pronounced toughening phase occur during the drying process?	<input type="radio"/>	<input type="radio"/>
If yes, in which moisture range? wt.-% to wt.-%		
At which moisture level does the material become free-flowing? wt.-%		
Are agglomerations expected to form?	<input type="radio"/>	<input type="radio"/>
Is a dryer already being used for this product?	<input type="radio"/>	<input type="radio"/>
If yes, which type of dryer?		

Explosion protection

	Yes	No
Is there an explosive atmosphere?	<input type="radio"/>	<input type="radio"/>
Internal explosion zones:		
External explosion zones:		
Temperature classes:		

Operating data

Mode of operation: Batch Continuous Both are possible

How much input product in kg is produced per batch?

How long does it take for a batch to form?

Throughput rate in continuous operation in kg per hour:

Heating temperature in °C: Coolant temperature in °C:

Which energies are available to the customer?

Machine material: NSt 1.4301 (SS 304) 1.4404/1.4571 (SS 316 L) Other:

Other material requirements:

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Project information

Starting point (existing system, new system, etc.):

Investment goals (reduce costs, replacement investment, fulfil environmental protection measures, etc.)

Total project volume:

Mixing/drying technology project volume:

Project stage: Cost estimate Pre-project Budget approved

Implementation period:

Specific requests:

Place/date:

Signature/filled in by:

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