

Mixing technology questionnaire

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General company information

Company name:

Address:

Country:

Department:

Contact person:

Phone no.:

E-mail:

Homepage:

Project name:

Aim of project

Mixing Granulation Coating Humidifying Neutralization

Other:

Substance data for solid input product

Product	Fraction wt. – %	Bulk density kg/l	max. particle size mm	Moisture %
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Properties of the solid

Compact Sticky Clumpy Crumbly Free-flowing Powdery Abrasive

Corrosive

Substance data for liquid input product

Product	Fraction wt. – %	Density kg/l	Viscosity mPas
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End product

End moisture in %: _____ Bulk density in kg/dm³: _____

Properties of the end product

- Liquid Slurry Pumpable Pasty Compact Sticky Clumpy
- Crumbly Free-flowing Powdery Abrasive

Mixing behavior

	Yes	No
Are agglomerations expected to form?	<input type="radio"/>	<input type="radio"/>
Are vapors expected to form?	<input type="radio"/>	<input type="radio"/>
Is a reaction expected to occur?	<input type="radio"/>	<input type="radio"/>
Is a mixer already being used for this product? If yes, which type of mixer?	<input type="radio"/>	<input type="radio"/>

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

Which aggregates are used to dose the products into the mixer?

Mode of operation: Batch Continuous Both are possible

Predetermined batch volume in kg:

How long does it take for a batch to form?

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Operating data (continued)

Throughput rate in continuous operation in kg/h:

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

Other material requirements:

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:

Send to BHS-Sonthofen via e-mail