SMS
Inside Excellence

Questionnaire

High Viscosity Technology

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requires current Acrobat Reader.
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Or send an e-mail to
info@sms-vt.com

General information

Product / project title / keyword: .....

Process:

☐ Devolatilisation ☐ Concentration ☐ Reaction ☐ Resources Recovery

Company: .....

Address: .....

.....

Contact person: .....

Department: .....

Phone: .....

Email: .....

Buss-SMS-Canzler GmbH
Kaiserstraße 13 - 15 | 35510 Butzbach
Germany

Product descriptions

Description of the highly viscous component(s): .....

.....

Description of the volatile component(s): .....

.....

Process, utilities, and materials

Required throughput (product basis): .....kg/h

Operation prior to this stage: .....

.....

Operation subsequent to this stage: .....

.....

Is this process: ☐ developed ready for production ☐ developed for pilot plant

Materials:

Material of our standardized evaporators is stainless steel DIN 1.4404 (316L) for parts in contact with product. Does this meet your requirements? ☐ Yes ☐ No

If not, which material is recommended? .....

Which materials are suitable for seals/gaskets? .....

Further remarks: .....

.....

Feed

Composition: .....in % by weight

At what temperature is the product available .....^{0}C and .....bar g

The viscosity under these conditions is .....Pa.s

Further remarks: .....

.....

Product

Desired residual content of volatiles .....in % by weight

The product is ☐ thermoplastic ☐ elastic ☐ .....

Highest allowable temperature, to which the product may be exposed

up to a max. of 3 min. max. ..... ^{0}C

Further remarks: .....

.....

Distillate

Required purity: .....

Further remarks: .....

.....

Product trials

Product trials in laboratory..... ☐ Yes..... ☐ No.....

Are special precautions to be taken in the storing, handling or shipping of the

product? ..... ☐ No..... ☐ Yes, which? .....

Test material

What product quantity can be furnished for trials?

☐ 2.000 kg ☐ 1.000 kg ☐ ..... kg

The feed product will be furnished in its initial composition ☐ Yes ☐ No

The feed product will be furnished in its separate components ☐ Yes ☐ No

Composition (in % by weight).....

At room temperature the feed is: ☐ thin liquid ☐ viscous liquid

Viscosity .....Pa s at .....^{0}C

☐ solid ☐ pellets ☐ other consistency:.....

If the feed or the components are solid at room temperature, what is the melting temperature? .....^{0}C

Product samples

Concentrate samples:

☐ Must be taken under a nitrogen blanket
☐ Should be discharged through a water bath
☐ Can be discharged into atmospheric receivers
☐ Must be in form of pellets

Analysis: Drying oven.....mbar.....^{0}C.....h

Further method: .....(please enclose specification)

Further remarks: .....

.....

Safety data sheet no.: .....

Date: .....

Signature: .....

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