

Questionnaire

High Viscosity Technology

General information

Product / Project:

Process:

- Devolatilisation Concentration Reaction Resources Recovery

Company:

Department:

Address:

Contact person:

Phone:

Email:

Date:

Product descriptions

Description of the highly viscous component:

Description of the volatile component:

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.....°C andbar g

The viscosity under these conditions isPa.s

Further remarks:

Product

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

The product is thermoplasticelastic.....

Highest allowable temperature, to which the product may be exposed up to a max. of 3 min. max.°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

ViscosityPa s at°C

Solid pellets other consistency:.....

If the feed or the components are solid at room temperature, what is the melting temperature?°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.....°C.....h

Further method:(please enclose specification)

Further remarks:

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Safety data sheet no.: