



# LiquiSonic®

Questionnaire polymerization and polycondensation

company	_____
department	_____
name	_____
street	_____
ZIP, town	_____
phone	_____
fax	_____
e-mail	_____



Please fill in the desired parameters as far as possible. If there is no requirement in a particular area, please leave the corresponding field free.

## 1. Kind of synthesis

- polymerization of solvent
- polymerization of emulsion
- polymerization of suspension
- polycondensation
- \_\_\_\_\_

## 2. Kind of process

- batch
- continuous process

## 3. Parameter of process

### 3.1. Start

- monomer 1: \_\_\_\_\_  
\_\_\_\_\_ wt%
- monomer 2: \_\_\_\_\_  
\_\_\_\_\_ wt%
- polymer: \_\_\_\_\_  
\_\_\_\_\_ wt%
- catalyst: \_\_\_\_\_  
\_\_\_\_\_ wt%
- solvent : \_\_\_\_\_  
\_\_\_\_\_ wt%
- temperature: \_\_\_\_\_ °C
- pressure: \_\_\_\_\_ bar

### 3.2. End

- monomer 1: \_\_\_\_\_  
\_\_\_\_\_ wt%
- monomer 2: \_\_\_\_\_  
\_\_\_\_\_ wt%



polymer: \_\_\_\_\_  
\_\_\_\_\_ wt%

melt index acc. DIN 53735: \_\_\_\_\_  
catalyst: \_\_\_\_\_  
\_\_\_\_\_ wt%

by-product 1: \_\_\_\_\_  
\_\_\_\_\_ wt%

solvent: \_\_\_\_\_  
\_\_\_\_\_ wt%

temperature: \_\_\_\_\_ °C

pressure: \_\_\_\_\_ bar

## 4. Process engineering

### 4.1. Kind of medium recirculation

bubbler

gearing pump

\_\_\_\_\_

### 4.2. Kind of discharge polymer

gearing pump

flow

conveying screw

extruder

\_\_\_\_\_

existent fitting 1 ANSI \_\_\_\_\_

existent fitting 2 ANSI \_\_\_\_\_

existent fitting 3 ANSI \_\_\_\_\_

material of vessel/autoclav: \_\_\_\_\_

heating jacket reaktor

explosion-proof necessary

heat tracing pipe

sampling point possible



## 5. Description / sketch

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