

## StaMixCo Mixer

### Inquiry Data Sheet

Name: \_\_\_\_\_ Position: \_\_\_\_\_  
 Department: \_\_\_\_\_ Date: \_\_\_\_\_  
 Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_  
 Company: \_\_\_\_\_ Address: \_\_\_\_\_  
 City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Country: \_\_\_\_\_

#### PROCESS DESIGN ENGINEERING DATA

- Description of Application (sketch on separate page): \_\_\_\_\_

Component		1	2	3	Mixture
Fluid Name					
Flow Rate	minimum				
	normal				
	maximum				
Viscosity <sup>1)</sup> *	Pas				
Density *	kg/m <sup>3</sup>				
Temperature (Operating)	°C				
Pressure (Operating)	bar				

\* @ operating temperature 1) If material viscosity changes with shear rate, please supply viscosity versus shear rate curves.

- Maximum Allowable Pressure Drop Across Static Mixer: \_\_\_\_\_ bar
- Solubility: Are the Components Soluble in each-other?  Soluble in every ratio  Insoluble in each-other
- Degree of Mixing Desired:  Low  Medium  High Describe Your Real-World Criterion for Measuring Desired Mixing Quality: \_\_\_\_\_
- Feeding of Components to Static Mixer:  Uniform Flow  Pulsating Flow: Pulsation Frequency = \_\_\_\_\_
- Reaction: Is there a reaction occurring between the feed components:  Yes  No

#### MECHANICAL DESIGN ENGINEERING DATA

- StaMixCo Supply:  Mixing Elements Only  Housing + Mixing Elements
- Preferred Mixer Pipe Diameter & Schedule-or-Special Pipe Inside Diameter: \_\_\_\_\_
- Maximum Allowable Mixer Length: \_\_\_\_\_ mm
- Flow Direction:  Horizontal  Upward Vertical Flow  Downward Vertical Flow
- Materials of Construction: Mixing Elements: \_\_\_\_\_ Pipe: \_\_\_\_\_ Flanges: \_\_\_\_\_
- Pipe End Connections:  Plain Ends  Ends Prepared For Welding  Threaded Ends  
 Flanged: Type: \_\_\_\_\_ Rating: \_\_\_\_\_

E\_SPEC\_GEN\_10.2004-5

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