

Injection Moulding Mixing Nozzle SMN

Technical Data sheet for Mixer Dimensioning

1. YOUR COMPANY INFORMATION

Name				Date	
Phone		Fax			
Email					
Company		Street			
Zip Code		City		Country	

2. BENEFITS DESIRED

Reduced Spots	
Reduced Colorant Usage	
Reduced Reject Rates	
Less Part Distortion	
Improved Part Quality when Using Regrind	
Shorter Cycle Times	
Improved Melt Flow	
Hot Runners	

3. REQUEST FOR QUOTATION

General Information	
Budgetary Quotation Request	
Project in Planning	
Specification for Purchase	
Other	
SMN Static Mixer only	
Complete SMN Mixing Nozzle ***	
***If YES please fill in Spec Sheet	

4. POLYMER DATA

Material *		
Manufacturer		
MFI *	g/10 min.	
	at ° C	
	kg	
Viscosity **	Pa s	

** Please provide Flow curve (viscosity =f(shear rate))

5. INJECTION MOULDING PROCESSING CONDITIONS

Screw Diameter:	[mm]	
L/D of Screw	[-]	
Shot Weight *	[g]	
Injection Time without cooling*	[s]	
Max. Injection Pressure *	[bar]	
Clamping Force	[kN]	
Max. Pressure of Hydraulic Unit		
Melt Temperature *	[°C]	
Type of Machine		
Machine Manufacturer		
Other Information		

* indispensable data



6. REMARKS, COMMENTS, SPECIAL REQUIREMENTS, SKETCH