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E_SMN_SPEC_02.2010

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

2. BENEFITS DESIRED	3. REQUEST FOR QUOTATION
Reduced Spots	General Information
Reduced Colorant Usage	Budgetary Quotation Request
Reduced Reject Rates	Project in Planning
Less Part Distortion	Specification for Purchase
Improved Part Quality when Using Regrind	Other
Shorter Cycle Times	SMN Static Mixer only
Improved Melt Flow	Complete SMN Mixing Nozzle ***
Hot Runners	***If YES please fill in Spec Sheet

4. POLYMER DATA

Material *		
Manufacturer		
	g/10 min.	
MFI *	at º C	
	kg	
Viscosity **	Pas	

** 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 Uni	it	
Melt Temperature *	[°C]	
Type of Machine		
Machine Manufacturer		
Other Information		

* indispensable data

6. REMARKS, COMMENTS, SPECIAL REQUIREMENTS, SKETCH