

Enabling us to give you a perfect solution
please fill in the following items.

stamixco

Our fax number +41 (0)52-338 17 33
or scan and mail to info@stamixco.com. We contact you immediately.

Extrusion Melt Blender SMB

Technical Data sheet for Mixer Dimensioning

1. YOUR COMPANY INFORMATION

Name			Date
Phone			Fax
E-Mail			
Company			Street
Zip-Code		City	Country

2. POLYMER DATA

Material *		
Manufacturer		
MFI *	g/10 min.	
	at ° C	
	kg	
Viscosity **	Pa s	
** Please provide Flow curve (viscosity = f (shear rate))		

3. EXTRUSION PROCESSING DATA

Screw Diameter:	[mm]	
L/D of Screw	[-]	
Throughput *	[kg/hr]	
Melt Temperature *	[°C]	
Die Feed Pressure *	[bar]	
Type of Machine		
Machine Manufacturer		
Other Information		

* indispensable data

4. EXTRUSIONS APPLICATIONS

Screen changer [Y/N]		Gear Pump [Y/N]	
Sheet		Pipe	
Blown Film		Rod & Tubing	
Foam Sheet		Wire & Cable	
Profile		Coating Line	
Co-Extrusion		Fibers/Monofilaments	

5. SYSTEM REQUIREMENTS

Available Installation Length		General Information		Purchase Spec	
Maximum Allowable Pressure Drop		Budgetary Quote		Other	
Other		Project in Planning			

6. REQUEST FOR QUOTATION

7. BENEFITS DESIRED

Eliminate Thermal and Composition Gradients		Foam Cell Size & Distribution Uniformity	
Reduced Colorant and Additive Usage		Surface Quality Improvement	
Streak free Product		Mechanical Property improvement	
Regrind Usage Quality Improvement		Other	

8. REMARKS, COMMENTS, SPECIAL REQUIREMENTS, SKETCH

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Inquiry sheet for Extrusion melt blenders

BENEFITS

- Homogenous melt with equal distribution of temperature and viscosity
- Reduced colorant and additive usage
- Streak free product
- Improved admixing of regrind material
- Uniform melt flow in the die reduces time needed for die adjustment
- Improves foam cell size and cell distribution uniformity in foamed products
- Improved surface quality and mechanical characteristics
- Stabilizes the entire extrusion process
- Less wastage

