

# Inline Blending Checklist

## Is Your Mixing Application a Good Candidate for Inline Blending?

**Does your system meet the following criteria?** Please check as many boxes as apply. The more boxes you can check, the better candidate your application is for inline blending. If one or two boxes can't be checked, those could be surmountable issues. If none of the boxes are checked, your application is most likely not a good fit for continuous inline mixing.

- You are currently making the product using batch blending
- The application is straightforward blending with no reactions
- There are no known solubility issues with your ingredients
- You have no or very few flammable ingredients
- There is a narrow range of viscosities between ingredients
- There are no blending steps that require more than a few seconds of mixing or waiting before the next ingredient is added
- None of your ingredients are dry materials

## Planning Your Inline Blending System

**Filling out the chart below is the first step in planning your inline blending system.** You may need to replicated on a different sheet if you have more than four ingredients. This information are the basic numbers an inline blending design/build firm will need to start your preliminary system design. EPIC's inline blending experts can be reached at 314-310-1549 or you can learn more about inline blending on our website: [www.epicmodularprocess.com](http://www.epicmodularprocess.com)

	Ingredient Example	Ingredient A	Ingredient B	Ingredient C	Ingredient D
Type of Chemical	Acid, Resin, Dye, Polymer, Water, etc.				
Minimum % of Formula	13.5%				
Maximum % of Formula	19.7%				
Viscosity (cp)	1				
Water Solubility	High				
Organic Solubility	High				
Flash Point Degrees F	315 F				
Order of Addition	2				



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