

General Information

Company		Date
Contact		TriStar Contact
Address		
Phone	Email	
Application		Qty.

Application Details

Width	Plus Minus in mm	Height	Plus Minus in mm
Length	Plus Minus in mm		
The part primarily functions in: Compression Tension Flexion			
Load/Tension/Flex (in psi):		What material is being used now?	
What is the goal of changing to plastics? Weight savings Cost savings Strength			
If the goal is weight savings do you have a target weight for the part?		Yes No	
		If yes, what is the target?	lbs kg
If the goal is cost savings, what is your target price?			
If the goal is strength improvement, what are your specific needs?			

Please answer the following questions regarding the environment of the application

What is the normal service temperature of the part?	°F °C		
What are the potential maximum and minimum temperatures?	°F °C		
Does the part have a specific life expectancy?	Yes No	If yes, explain	
Is the part exposed to abrasives?	Yes No	If yes, what type?	
Is the part exposed to chemicals?	Yes No	If yes, what type & concentration?	
Is the part exposed to water, air or gas? If so, what kind? (Example: DI water, salt water, what type of gas?)	Yes No	If yes, what kind?	
Is the part seeing impact or vibration?	Yes No	If yes, explain	
Are there dielectric requirements? Insulate or dissipate?	Yes No	If yes, explain	
Are there dielectric test requirements to be met?	Yes No	If yes, which ones?	
Do the parts need to meet agency approvals? (Example: FDA, USDA, NSF, 3A, USPVI)	Yes No	If yes, which agencies?	
Flammability Rating required for this application?	Yes No	If yes, which one?	
Additional notes			