

FAX: 716.667.3432
ATTENTION MARKETING

Use this worksheet to help us gather all the information necessary to recommend an Engineering Plastic for your application. Please take a moment to answer all the questions pertinent to your application. The answers you list will help us to understand what SPECIFIC characteristics are important to the application.

Please fax the information to Marketing at 716.667.3432. An electronic version of this form is also available at www.curbellplastics.com. Once you have submitted your information a Curbell Plastics representative will call you back to discuss your situation and specific application.

APPLICATION WORKSHEET

SELECTION AND DESIGN GUIDELINES

1. What is the primary function of the part? (ie. bearing and wear, structural, or electrical insulator?)

2. What material is currently being used?

3. Are there any problems with the current material?

4. What is the maximum continuous use temperature?

5. Is the temperature exposure intermittent? What is the cycle time?

6. What is the load or stress on the part?
Is there a cycle time for the load or stress?

7. For a bearing and wear application, what is the velocity?
FPM? _____ RPM? _____

Is the motion continuous or intermittent?

If intermittent, what is the cycle time?

What is the surface area of the bearing?

What is the load on the bearing surface?

8. Is FDA, USDA, NSF, 4A Dairy or any other agency compliance required?

9. What chemicals will be encountered during service?

What will the exposure time be?

What is the temperature during exposure?

What is the concentration level of the chemicals involved?

10. What other environmental factors need to be considered?
(ie. UV light, interior/exterior application, radiation, etc.)

11. Is dimensional stability in a wet or humid environment critical?

12. Is toughness or impact resistance critical during use?

13. Is the application an electrical insulator?

What is the dielectric strength requirement?

What is the target dielectric constant and at what frequency?

What is the target dissipation factor and at what frequency?

14. Are static dissipative characteristics important in the application?

15. Are there minimum flammability requirements for the application?

16. What is the part geometry?

Thickness _____ Width _____

Length _____ OD _____ ID _____

17. Is the color of the part important?

18. What other characteristics are important in the application?

19. **Company name:** _____

Contact name: _____

Address: _____

City/State/Zip: _____

Phone: _____

Fax: _____

Email: _____

Website: _____

How did you hear about us? _____
