

EXPAND YOUR POSSIBILITIES:

A THOUGHTFUL APPROACH TO MATERIAL SELECTION

Have you ever wondered how a product design would've panned out had you chosen a different material? Whether you're developing a new product or improving an existing one, you have a lot to consider. It can be easy to fall into the trap

of always selecting your go-to materials. Approaching the material selection process a bit differently can open the door to new possibilities. Challenge your thinking with these material selection variables in mind.

PRODUCT APPLICATION



Where will my product live?



How should my product look?



How long should my product last?



How much weight will my product bear?

MATERIAL CHARACTERISTICS



Which base resin gives the performance I need?



Does my product need enhanced mechanical properties?



What additives can set my product apart?



What color do I want my product to be?

ADDITIONAL CONSIDERATIONS



How will the polymer I choose be converted to a finished product?



What tooling and/or secondary operations are necessary for this processing method?



What systems do I have in place to make development and sale possible?



What regulations do I need to comply with?

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