



Materials & Composites Engineer

At Five Star, we don't just manufacture parts—we engineer high-performance solutions for some of the world's most demanding applications. From NASCAR and NHRA racing to power sports, marine, and industrial markets, we design and produce advanced composite and plastic components that push performance forward.

As we expand our composites capabilities—including prepreg manufacturing and next-generation materials—we're seeking a Materials & Composites Engineer to support innovative product development and solve real-world engineering challenges.

Responsibilities:

- Lead material and process development, including research, testing, qualification, and implementation of new technologies
- Support product development and manufacturing by improving efficiency, quality, and cost while troubleshooting issues using data-driven analysis
- Collaborate with suppliers and cross-functional teams to drive innovation, tool development, and continuous improvement
- Maintain technical documentation, standards, and serve as a subject matter expert in materials and manufacturing systems

Qualifications:

- Bachelor's degree in Composite Materials, Mechanical, Materials Engineering, or related field, with 3–5 years of experience in composites, manufacturing, or process engineering
- Strong knowledge of composite materials, polymers, plastics, and manufacturing processes, with experience supporting product development and operations
- Proven analytical and problem-solving skills, including materials testing, qualification, and process validation
- Ability to manage multiple priorities independently and collaboratively, with strong communication and organizational skills
- Experience with thermoplastic/thermoset composites, manufacturing methods (infusion, hand layup, prepreg), and tools/systems such as CAD, PDM, FEA, Lean Manufacturing, ISO 9001, and supplier collaboration

Five Star features a clean & safe state-of-the-art facility. You offer us your determination and work-ethic; we offer you very competitive pay and top-notch benefits including:

- Complete insurance coverage – Medical, Dental & Vision for employees and dependents.
- Health Savings Account
- Company provided Life insurance
- Supplemental Life Insurance for employees and dependents
- Short- and Long-Term disability insurance
- 401(k) with generous company match
- Paid holidays and vacation
- Fitness center discounts
- Cell phone discounts
- Tuition reimbursement
- Employee referral bonus program

If you meet the above requirements and are interested in this opportunity, please submit your resume for consideration to hr@fivestarbodies.com. We look forward to hearing from you.

May apply in person at 8899 368th Ave. Twin Lakes, WI 53181