



OVERVIEW OF A Tutorial on Continuous Fiber Reinforced Thermoplastic Composites for Aerospace, Automotive and O&G Applications

From

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EXECUTIVE SUMMARY

CompositeTechs, LLC is pleased to present this tutorial on high performance thermoplastic composites for aerospace, automotive and oil and gas applications. We feel strongly in the value of sustainability and it is our belief that thermoplastic composites are the most sustainable materials selection solution available today. With this tutorial we are spreading this message of sustainability to the community.

CompositeTechs personnel are uniquely qualified in this program as we have extensive direct technical and marketing experience with many of the major prepreg manufacturers, parts suppliers and end users of thermoplastic composites in these industry segments. For our customers, we have reviewed thermoplastic composite industry reports from both Asian and USA-based market research firms and improved the accuracy and quality of the reports to a reliable level. We regularly generate relevant focused technical and marketing reports which are proprietary to our specific customers. All our customers have provided feedback that our information is accurate both technically and in market analyses. Earlier versions of this presentation have been given at the 2018 Composites World Carbon Fiber Conference, at SAMPE North America 2019, and directly to many of our clients in the US, Europe and Asia.

CompositeTechs has been active in the thermoplastic segment of the composites industry for more than twenty years. For several customers we have supported incorporation of thermoplastic composites production lines into companies previously focused on thermoset composites or plastic processing. We provide design, analyses, material selection, prototype fabrication, qualification, manufacturing scaleup and production, as well as market analyses and business development support.



It must be noted that some of the industry data is not publicly available for proprietary reasons. We are unable to share some detailed information due to proprietary agreements, and consequently we can only publish limited data in some areas. We make note of limited data where applicable.

Content Overview

The tutorial is provided as a 127 - page PowerPoint presentation with graphics, charts, embedded videos, and in many cases, embedded notes (as shown by the * below. The PowerPoint notes page must be open to view the notes). When viewed as a slide show, the videos will run automatically, and when viewed slide-by-slide, the videos need to be clicked on to run.

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Price, Terms and Delivery

The cost of the tutorial is \$1,950US. For an additional cost of \$1,000US, and based on schedule availability, the tutorial can be provided as a four- hour online presentation with some time for



Q&A. The tutorial is typically presented in 3 ½ hours which leaves about 30 minutes for questions. To check for available times for an online tutorial, please inquire at info@compositetechs.com.

CONCLUSION

As mentioned previously, it is our pleasure at CompositeTechs to provide this tutorial on thermoplastic composites to the industry. We feel strongly in the value of sustainability and it is our belief that thermoplastic composites are the most sustainable materials selection solution available today. With this tutorial we are spreading this message of sustainability to the community.

If you have questions on this overview, feel free to contact us at info@compositetechs.com

Thank you for your consideration,

Mike Favaloro, President

Mike Favaloro

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