
Material Qualification

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Material Qualification

- Major aspect of any new system, design or process improvement (e.g. out of autoclave processing)
- Can be prohibitively costly
- Costs and data can and in some cases should be shared
- Data sharing is contingent on development of shared specifications (material and process)

Materials Qualification

Mil Handbook-17

- Seeks to develop standard data and practices for composite structural design and fabrication
- Military and commercial (FAA) support
- Industrial and academic participation
- Significant progress in the last 8-10 years
- Current focus on practical aspects of data sharing (e.g. AGATE methodology)

Material Qualification

- The high costs of introduction and qualification of new materials and processes must be reduced
- Advantages and disadvantages of cooperation must be clearly defined and consensus must be sought
- Practical procedures must be identified