

# Introduction to composite materials

## What are composite materials?

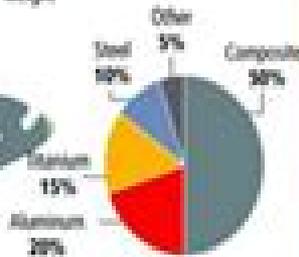


Materials used in 787 body

- Fiberglass
- Carbon laminate composite
- Aluminum
- Carbon sandwich composite
- Aluminum/steel/titanium



Total materials used  
By weight



By comparison, the 777 uses 12 percent composites and 50 percent aluminum.



# Introduction To Composite Materials

**Jonathan Awerbuch, Albert S. D. Wang**

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