

Influence of the Second-Phase Resin Structure on the Interfacial Shear Strength of Carbon Fiber/Epoxy Resin

Supplementary Materials

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Table S1. Properties of CF800.

Fiber Type	Filament Count	Tensile Strength/MPa	Tensile Modulus/GPa	Strain at Failure/%	Weight/Length /g·km ⁻¹
CF800	12K	5641	295	1.93	447

Table S2. Properties of AC53X.

Resin Type	Structure-Epoxy resin	Epoxy value /mol·100g ⁻¹	Structure-Curing agent	Amine value /mgKOH·g ⁻¹	Resin/ curing agent mass ratio	Content of RS2000/%
AC53X-1	Figure S1	0.80~0.87	Figure S2	62.1	100:52	12.5
AC53X-2	Figure S1	0.80~0.87	Figure S2	62.1	100:52	0

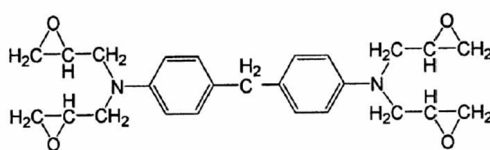


Figure S1. Structure of epoxy resin of AC53X.

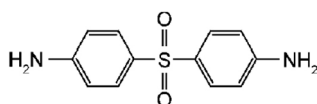


Figure S2. Structure of curing agent of AC53X.