

## QCI – Carbon Fiber Reinforced Vinyl Esters

	<b>AMC-8590</b>	<b>AMC-8592</b>	<b>AMC-8595</b>
<b>Carbon Fiber (PAN)</b>	12k	12K	12K
<b>Reinforcement % by weight</b>	53%	53%	50%
<b>Reinforcement Length</b>	1"	2"	continuous
<b>Specific Gravity grams/ cc</b>	1.48	1.48	1.5
<b>Flexural Strength D-790 psi</b>	88,000	113,000	150,000
<b>Flexural Modulus D-790 psi x 10<sup>6</sup></b>	5.6	6.2	8.5
<b>Tensile Strength D-638 psi</b>	41,000	58,000	
<b>Tensile Modulus D-680 psi x 10<sup>6</sup></b>	8.0		
<b>Comp. Strength D-695 psi</b>	41,500		
<b>Notched Izod D-256 ft.lbs/in</b>		30	
<b>Tg, DMA D-4065</b>	245° F	245° F	