



Advanced Materials
Design & Manufacturing

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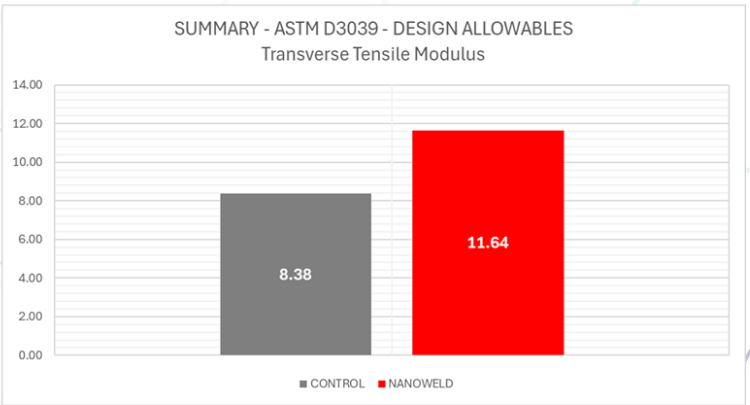
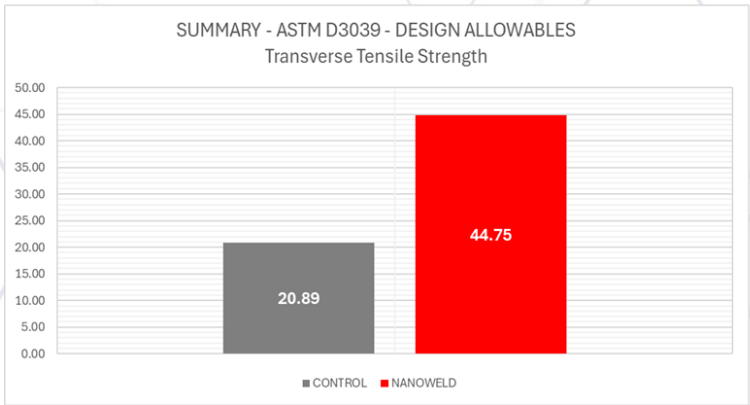
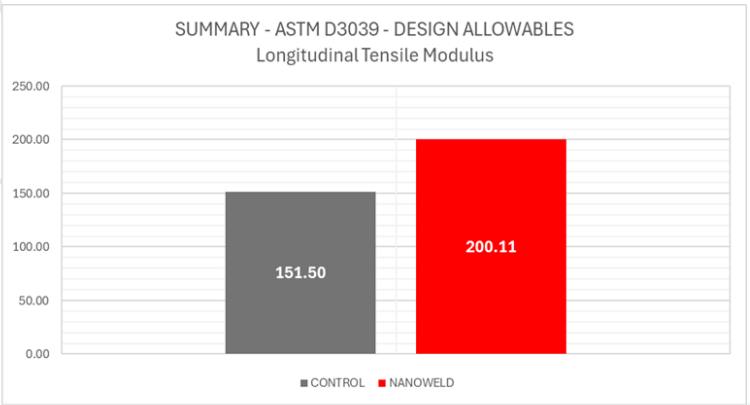
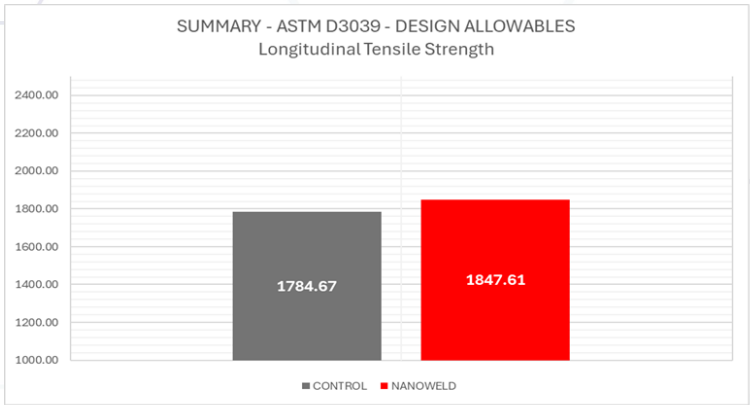
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NanoWeld Prepreg Manufacturing

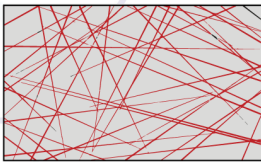
Prepregs Characteristics

Carbon Fibres	DIALEAD K13916, Torray T700S, and HexTow® IM7
NanoWeld® Variants	PVDF, PAN, PA6. For more info please contact us.
*Resin Content [%]	From 30 up to 50
*Max. Processing C°	From 90 up to 180
*Areal Weight [g/m2]	From 78 up to 300
*All properties are material, additive, and process dependent	

CFRP Composites Mechanical Performance with IM7 & IM7 + NanoWeld



Nano
creation



Nano
insertion



Nano
consolidation

