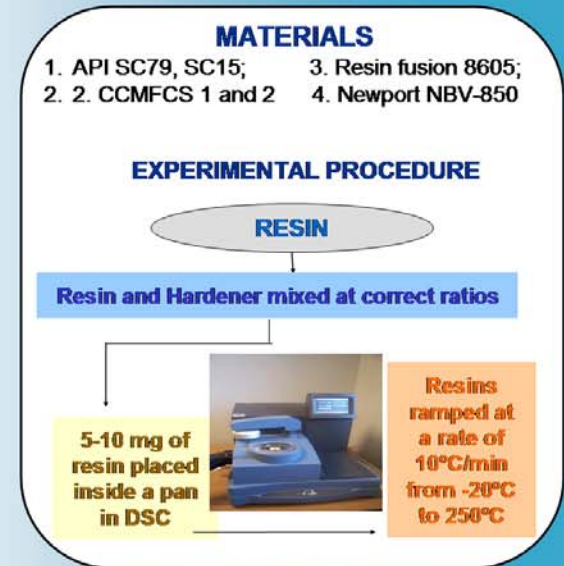
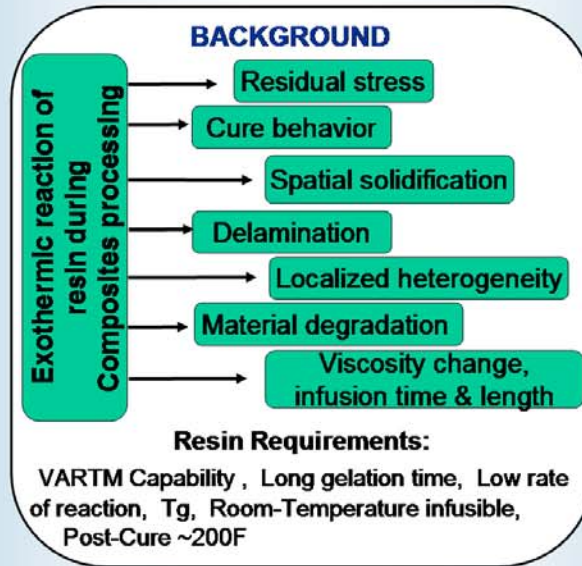
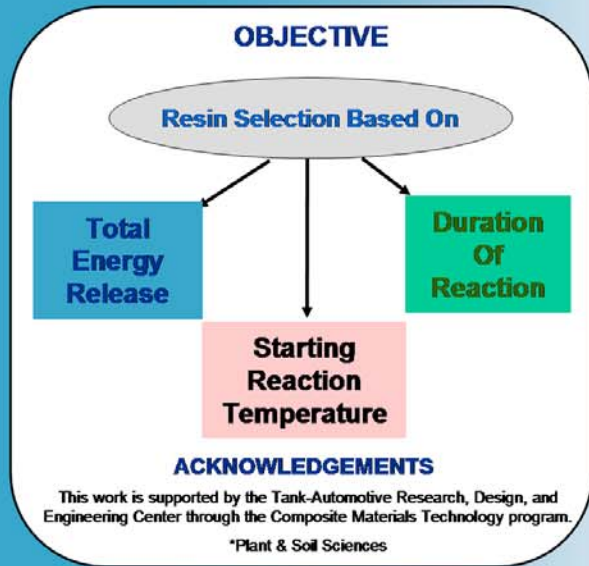


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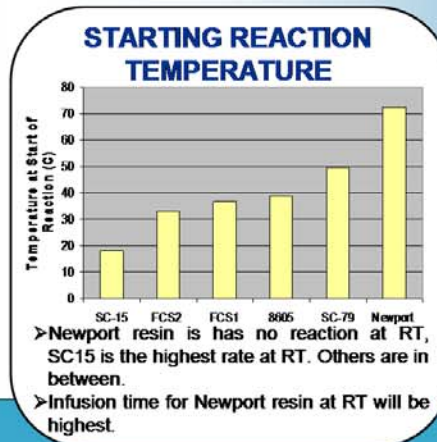
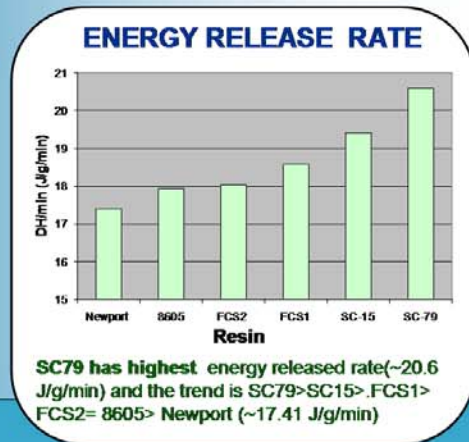


### RESULTS

#### Heat of reaction for epoxy resins

Resin	Delta H (J/g)
Newport	300±15
SC15	427±6.3
SC79	359±27
CCMFCS1	387±46
CCMFCS2	384±1.56
8605	352±26.3
3250	452

3250 cures faster than the rest of resins. Curing rates for SC15, CCMFCS1 & 2 are comparable. However, SC79 and Newport are slowest and 8605 is in between at a particular temperature



### CONCLUSIONS

Thick laminates with a long cure time:

- > Newport Resin. Lots of processing problems
- > CCMFCS and SC 79 Resins are suitable

Thin laminates with a fast cure time:

- > SC-15 is suitable, but wet T<sub>g</sub> is < 230F.
- > 8605 and 3550 are the most appropriate.