

# Good candidates (working list)

Dow Corning SE4486

Pros: Thermal conductivity is good, viscosity also in range.

Cons: Cure time (120 hrs at 74 degrees F)

Dow Corning 3-6751

Pros: Thermal conductivity in range ( $1.1 \text{ W/m}^{\circ}\text{K}$ ), Thermal viscosity ( $10\text{e}3 \text{ cp}$ ), good strength of material (500 psi)

Cons: Needs to be heated to be cured

STYCAST® 2850 FT (NASA and LHCb used)

Pros: Thermal conductivity ( $1.25 \text{ W/mk}$  for catalyst 9,  $11.02$  for 23 LV), cure time (16-24 hrs @ room temp for both catalysts)

Cons: Fairly high viscosity ( $64,000 \text{ cP}$ )