Supporting Information

Processing and Mechanics of Aromatic Vitrimeric Composites at Elevated Temperatures and Healing Performance

Tanaya Mandal [1], Unal Ozten [2], Louis Vaught [3], Jacob L. Meyer [4], Ahmad Amiri [5,6], Andreas Polycarpou [3,5]
and Mohammad Naraghi [2,*]

1   Department of Materials Science & Engineering, Texas A&M University, College Station, TX 77843, USA; tmandal90@tamu.edu

2   Department of Aerospace Engineering, Texas A&M University, College Station, TX 77843, USA; uozten@tamu.edu

3   J. Mike Walker '66 Mechanical Engineering Department, Texas A&M University, College Station, TX 77843, USA; lovaught@tamu.edu (L.V.); andreas-polycarpou@utulsa.edu (A.P.)

4   ATSP Innovations, Houston, TX 77055, USA; jacob.l.meyer@atspinnovations.com

5   Russell School of Chemical Engineering, The University of Tulsa, Tulsa, OK 74104, USA; ahmad-amiri@utulsa.edu

6   Department of Mechanical Engineering, The University of Tulsa, Tulsa, Oklahoma 74104, USA, ahmad-amiri@utulsa.edu

* Correspondence: naraghi@tamu.edu

Table S1. *Average Mode I Fracture Toughness and Average Healing Efficiency*

Sample #	G_{IC-v} (J/m²)	Average G_{IC-v} (J/m²)	G_{IC-h} (J/m²)	Average G_{IC-v} (J/m²)	Healing Efficiency (%)	Average Healing Efficiency (%)
1	318.3	264.45± 36.80	339	288.88± 38.44	106.5	109.48 ± 7.92
2	257.9		276.9		107.4	
3	241.8		292.7		121.03	
4	239.8		246.9		103.0	