

## Thermoset Composite having Thermoplastic Characteristics

### Disclosure Number

201403400

### Technology Summary

The composite material of the present invention enables thermoset materials to be processed by methods similar to thermoplastics by giving the material a dimensional stability and integrity. The invention opens new windows of opportunity in thermoset polymer processing and composite preparation including but not limited to injection molding, 3D printing, compression molding, prepreg preparation and the like. Moreover, the invention enables fused deposition modeling or 3D printing of thermoset resins, depositing a dimensionally stable bead, possibly at room temperature, as well as improving z-strength of articles made thereby.

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