

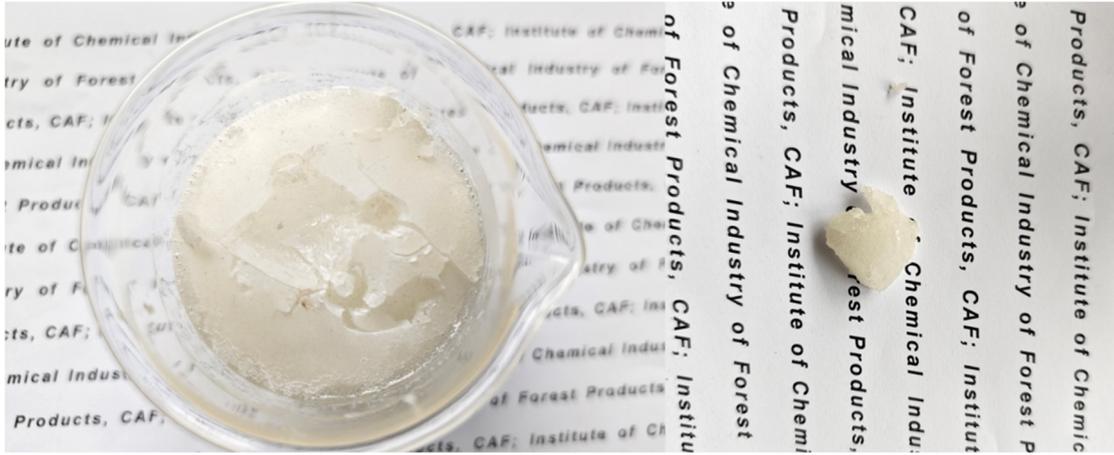
*Supporting information*

# **Eco-Friendly Epoxy-Terminated Polyurethane-Modified Epoxy Resin with Efficient Enhancement in Toughness**

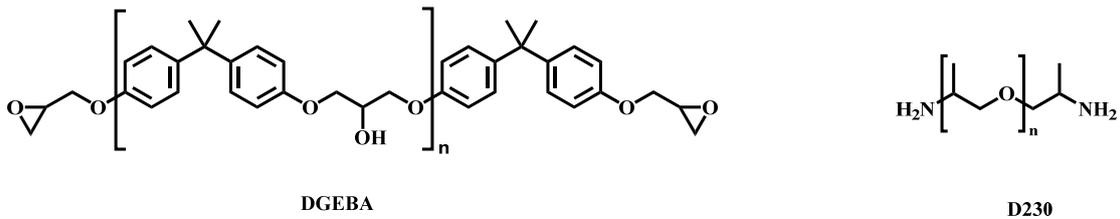
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**Figure S1.** Photograph of epoxy with 50 wt % ITPU. Liquid epoxy resin quickly transferred into a solid after the addition of 50 wt % ITPU.



**Figure S2.** Chemical structures of DGEBA and D230.

**Table S1** Mechanical properties of cured epoxy samples

Sample	Elongation at break (%)	Toughness (MJ·m <sup>-3</sup> )	Tensile strength (MPa)	Young's modulus (MPa)	Flexural strength (MPa)
EP	6.58±0.23	3.29±0.24	62.75±1.16	3222±116	117.9±1.3
EPU10	11.02±0.37	4.22±0.36	50.11±1.00	2695±90	96.7±1.8
EPU20	17.22±0.55	4.81±0.40	34.06±1.14	2119±100	74.1±0.9
EPU30	30.16±0.77	5.31±0.41	19.32±0.73	1325±77	45.3±0.6
EPU50	55.42±1.36	5.71±0.48	13.16±0.49	403±48	17.0±0.5
ITPU10	5.54±0.42	3.05±0.20	69.31±1.55	3004±61	109.6±1.5