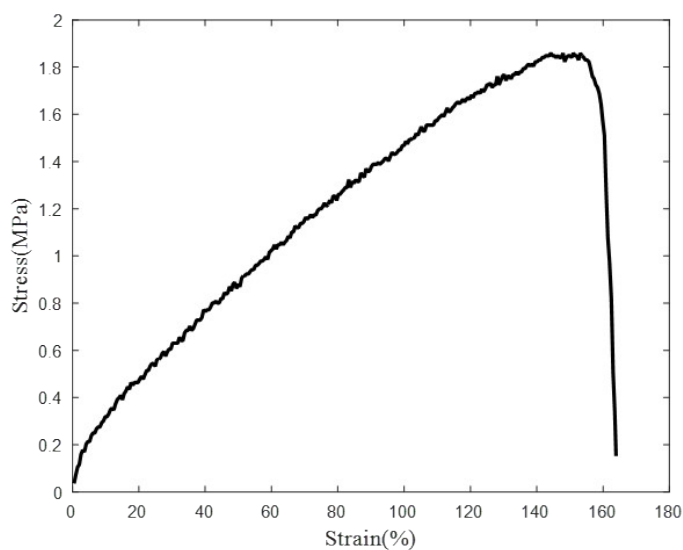


Supplementary information

Further details of mechanical properties of HDI-PU/G are given in S1, and table 1 respectively. Mechanical properties of the sample were measured by a universal tensile testing machine (TB5T). The extension rate was 5 mm/min, and load cell was 100 N. Sample was cut and prepared as an ASTM E8M-04 standard (sub-size specimen) and then tested.



S 1. Stress-strain curve of HDI-PU/G

Table 1 Value of mechanical properties from tensile test of HDI-PU/G

sample	Tensile stress (MPa)	Young's modulus (MPa)	Strain %
PU/G HDI	1.83	1	154.7