FIGURE 5 is a graph showing the results of an experiment measuring a crystallization temperature (onset of exotherm; T_{mc} Onset (°C)) with increasing an amount of amorphous PHA (wt%) in the polymer composition including a polyurethane and the amorphous PHA.

FIGURE 6 is a graph showing the results of an experiment measuring a crystallization enthalpy (area of exotherm; ΔH_{mc} (J/g-TPU)) with increasing an amount of amorphous PHA (wt%) in the polymer composition including a polyurethane and the amorphous PHA.

FIGURES 7A and 7B are graphs showing the results of an experiment measuring a torsional rheology (|η*| (Pa.s)) with increasing an amount of amorphous PHA (wt%) in the polymer composition including a polyurethane and the amorphous PHA.

FIGURES 8A and 8B are graphs showing the results of an experiment measuring a melt elasticity (G^r) with increasing an amount of amorphous PHA (wt%) in the polymer composition including a polyurethane and the amorphous PHA.

Best Mode for Carrying out the Invention

Hereinafter, the present disclosure will be described in more detail to help the understanding of the present disclosure.

As used herein and unless otherwise indicated, “wt %” refers to a weight percent based on a total weight of a reference unless otherwise explained.

When the term “about” is used, it is used to mean a certain effect or result can be obtained within a certain tolerance, and the skilled person knows how to obtain the tolerance. When the term “about” is used in describing a value or an end-point of a range, the disclosure should be understood to include the specific value or end-point referred to. In one aspect, the term “about” means plus or minus 20% of the numerical value of the number with which it is being used .

As used herein, the terms “comprises,” “comprising,” “includes,” “including,” “has,” “having” or any other variation thereof, are intended to cover a non-exclusive inclusion. For example, a process, method, article, or apparatus that comprises a list of elements is not necessarily limited to only those elements but can include other elements

not expressly listed or inherent to such process, method, article, or apparatus.

The transitional phrase “consisting of” excludes any element, step, or ingredient not specified in the claim, closing the claim to the inclusion of materials other than those recited except for impurities ordinarily associated therewith. When the phrase “consists of” appears in a clause of the body of a claim, rather than immediately following the preamble, it limits only the element set forth in that clause; other elements are not excluded from the claim as a whole.