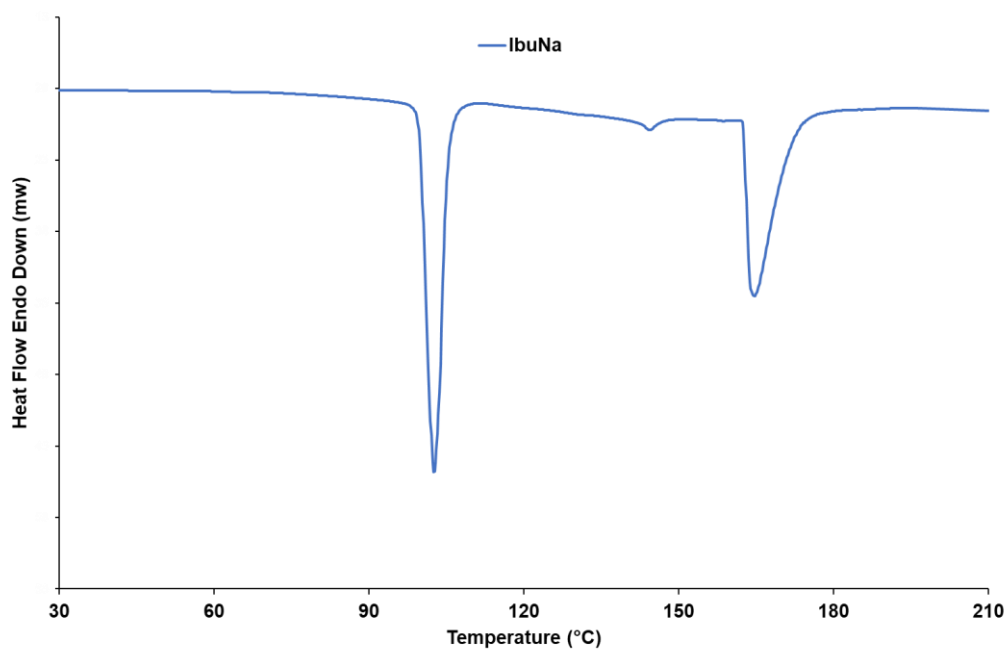
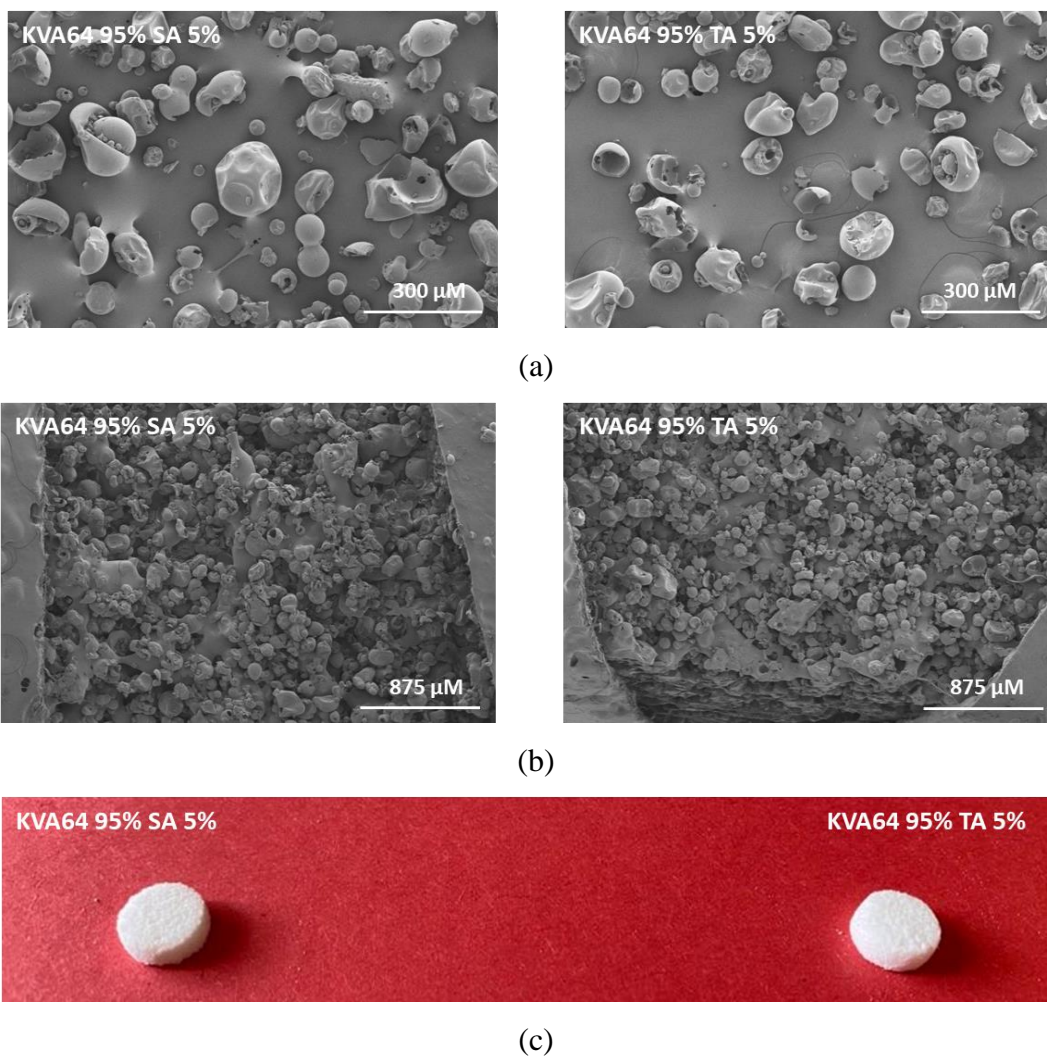


**Figure S1.** DSC thermograms of KVA64 during the 1<sup>st</sup> and 2<sup>nd</sup> heatings.



**Figure S2.** DSC thermogram of IbuNa.



**Figure S3.** Images of the mixtures KVA64 95% / SA 5% and KVA64 95% / TA 5%: (a) SEM images of the powders (prior to sintering) (Magnification x 100), (b) SEM images of the SOFs vertical sections (Magnification x 35), images of the SOFs.

**Table S1.** Bulk density and true density of the different printed powders.

Powders	Bulk density (g/cm <sup>3</sup> )	True density (g/cm <sup>3</sup> )
<b>KVA64</b>	0.38 ± 0.00	1.23 ± 0.01
<b>KVA64/IbuAc</b>	0.32 ± 0.00	1.18 ± 0.02
<b>KVA64/IbuNa</b>	0.37 ± 0.01	1.19 ± 0.00
<b>KVA64/SA</b>	0.38 ± 0.00	1.21 ± 0.00
<b>KVA64/FA</b>	0.37 ± 0.01	1.21 ± 0.00
<b>KVA64/MA</b>	0.40 ± 0.00	1.20 ± 0.01
<b>KVA64/MLA</b>	0.38 ± 0.01	1.20 ± 0.00
<b>KVA64/TA</b>	0.40 ± 0.01	1.20 ± 0.00

<b>KVA64/SA10</b>	$0.38 \pm 0.00$	$1.21 \pm 0.01$
<b>KVA64/SA15</b>	$0.38 \pm 0.00$	$1.22 \pm 0.02$
<b>KVA64/SA20</b>	$0.39 \pm 0.00$	$1.25 \pm 0.00$
<b>KVA64/IbuNa/SA</b>	$0.37 \pm 0.00$	$1.20 \pm 0.00$
<b>KVA64/IbuNa/SA10</b>	$0.37 \pm 0.00$	$1.20 \pm 0.02$
<b>KVA64/IbuNa/SA15</b>	$0.38 \pm 0.00$	$1.23 \pm 0.00$
<b>KVA64/IbuNa/SA20</b>	$0.39 \pm 0.01$	$1.25 \pm 0.00$