

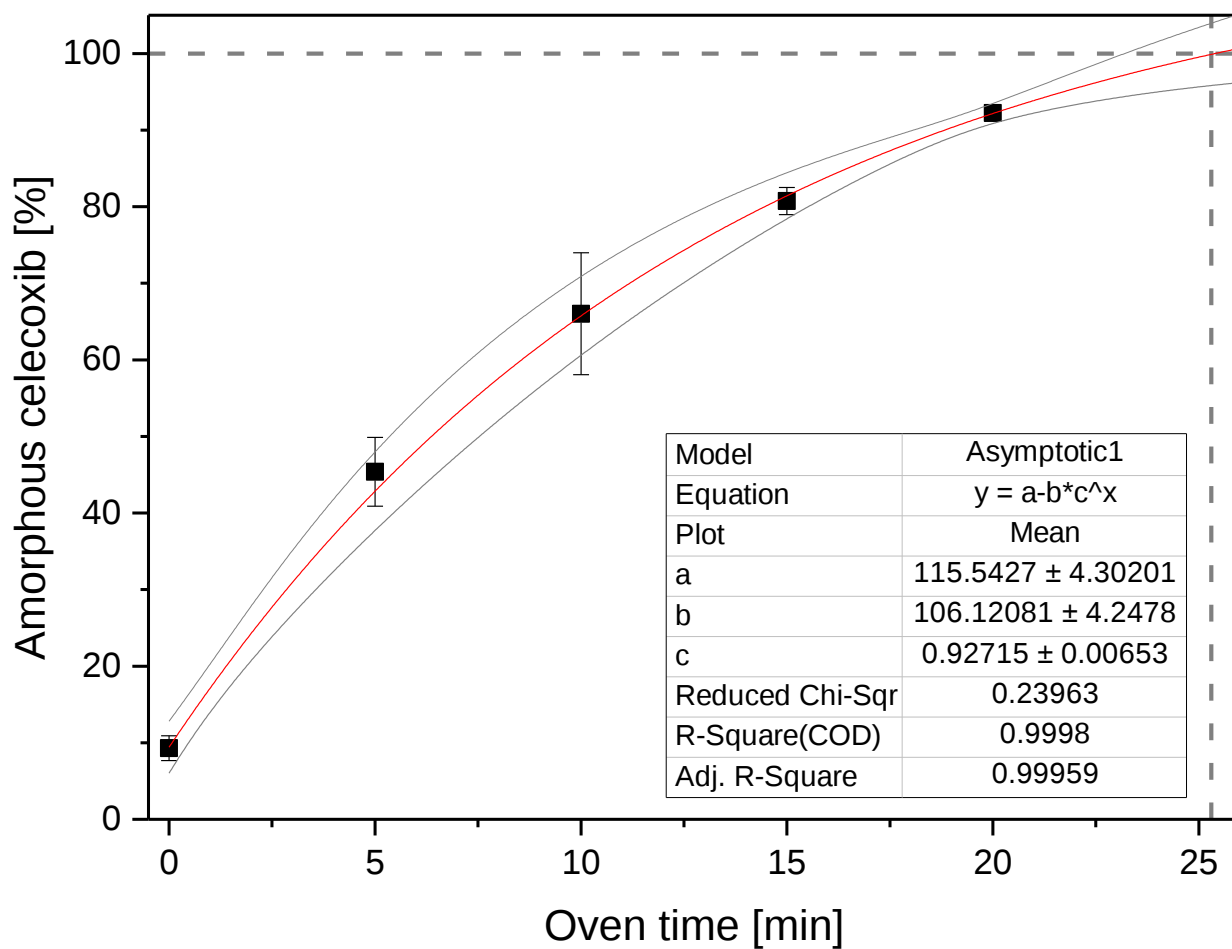


Figure S1. First-order-kinetic fit plotting the amorphous celecoxib content [%] reached in conditioned compacts against the oven time [min]. Solid grey lines indicate the confidence interval (95%). Dotted grey lines indicate the expected heating time to obtain a complete ASD.

$$y = (115.5427 \pm 4.30201) - (106.1208 \pm 4.24789) * ((0.92715 \pm 0.00653)^x); (Eq. 1);$$

$$x = time [min]; y = amorphization degree [%]; R^2 = 0.99959$$

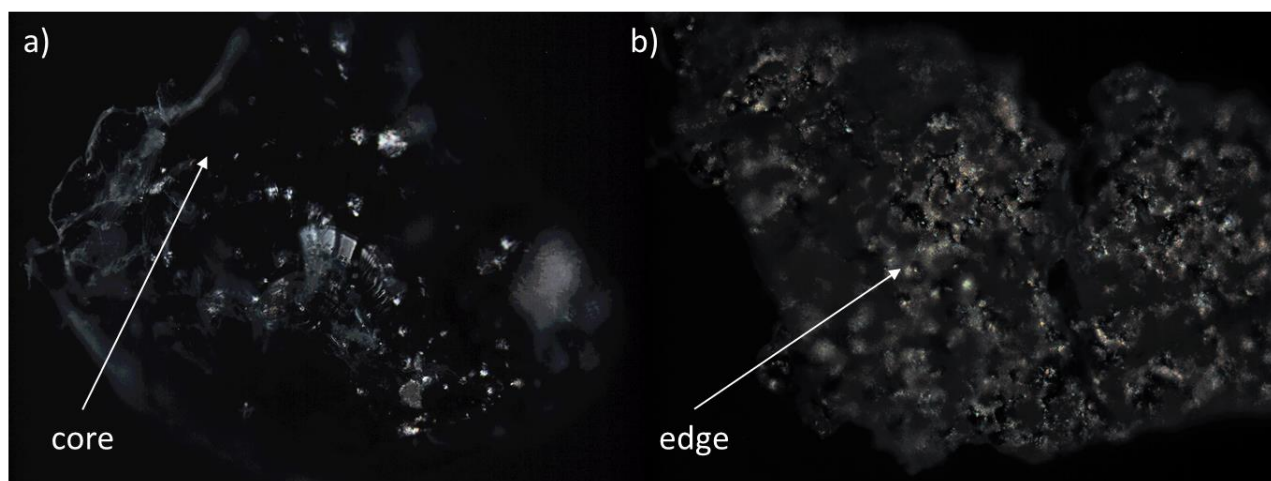


Figure S2. PLM images of heated conditioned compacts after 30 min; a) core area; b) edge area. The light structures indicate crystallinity.