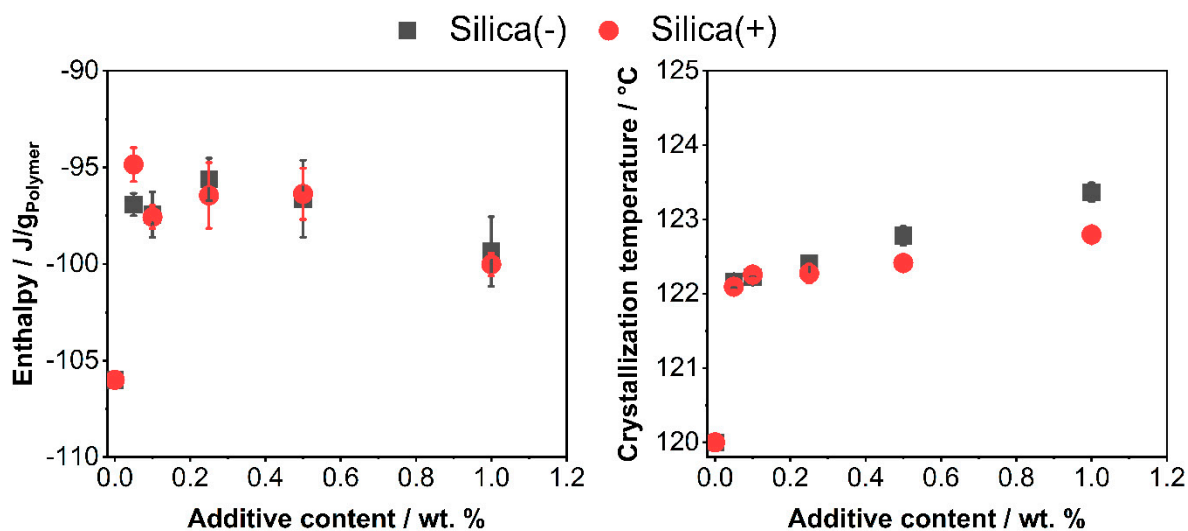


**Table S1.** Measured averaged peak values of the degree of coverage on the transfer roll

Formulation (cf. Tab. 2)	Silica(-) wt. %	Silica(+) Wt. %	Electrostatic surface potential / V
1.1	0.05	-	$-73.0 \pm 16.5$
2	0.1	-	$-61.6 \pm 5.8$
3	0.25	-	$-125.6 \pm 4.2$
4	0.5	-	$-124.9 \pm 24.3$
5.1	1.0	-	$-75.4 \pm 5.9$
6.1	-	0.05	$39.1 \pm 10.9$
7	-	0.1	$54.4 \pm 17.2$
8	-	0.25	$86.5 \pm 37.5$
9	-	0.5	$104.1 \pm 34.5$
10.1	-	1.0	$85.0 \pm 27.6$



**Figure S1.** Crystallization behaviour of the functionalized powders; left: Crystallization enthalpy; right: Crystallization temperature; n = 3. The corresponding values are displayed in Tab. 3.