**Influence of the molecular weight of the polycarbonate polyol on the intrinsic self-healing at 20 ºC of polyurethanes**

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**Supplementary material**



**Figure S1.** DSC curves of PUs made with polycarbonates of different molecular weights. Second heating run.



**Figure S2.** TGA curves of PUs made with polycarbonates of different molecular weights.

**Table S1.** Main diffraction peaks of the PUs made with polycarbonates of different molecular weights. X-ray diffraction experiments.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| PU | 2θ (°) | Intensity (a.u.) | 2θ (°) | Intensity (a.u.) |
| YC500 | 19.9 | 3114 | - | - |
| YC1000 | 20.0 | 1516 | 23.3 | 1763 |
| YC2000 | 20.1 | 8438 | 23.3 | 4951 |