

Supporting Information

Relaxation behavior of shear-induced crystallization precursors in isotactic polypropylene containing sobitol-based nucleating agents with different nucleating abilities

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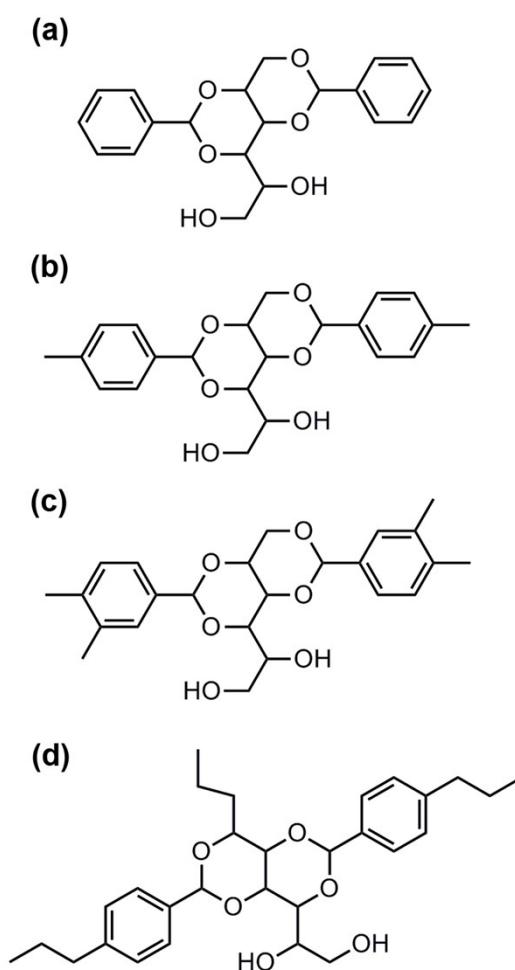


Fig. S1 Chemical structures of Millad[®] 3905 (a), 3940 (b), 3988 (c) and NX8000K (d) used in this work.

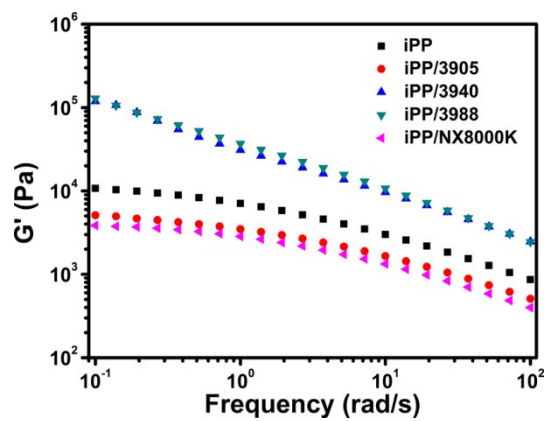


Fig. S2 Evolution of viscosity with frequency in pure and nucleated iPP at 180 °C with a strain of 1%.

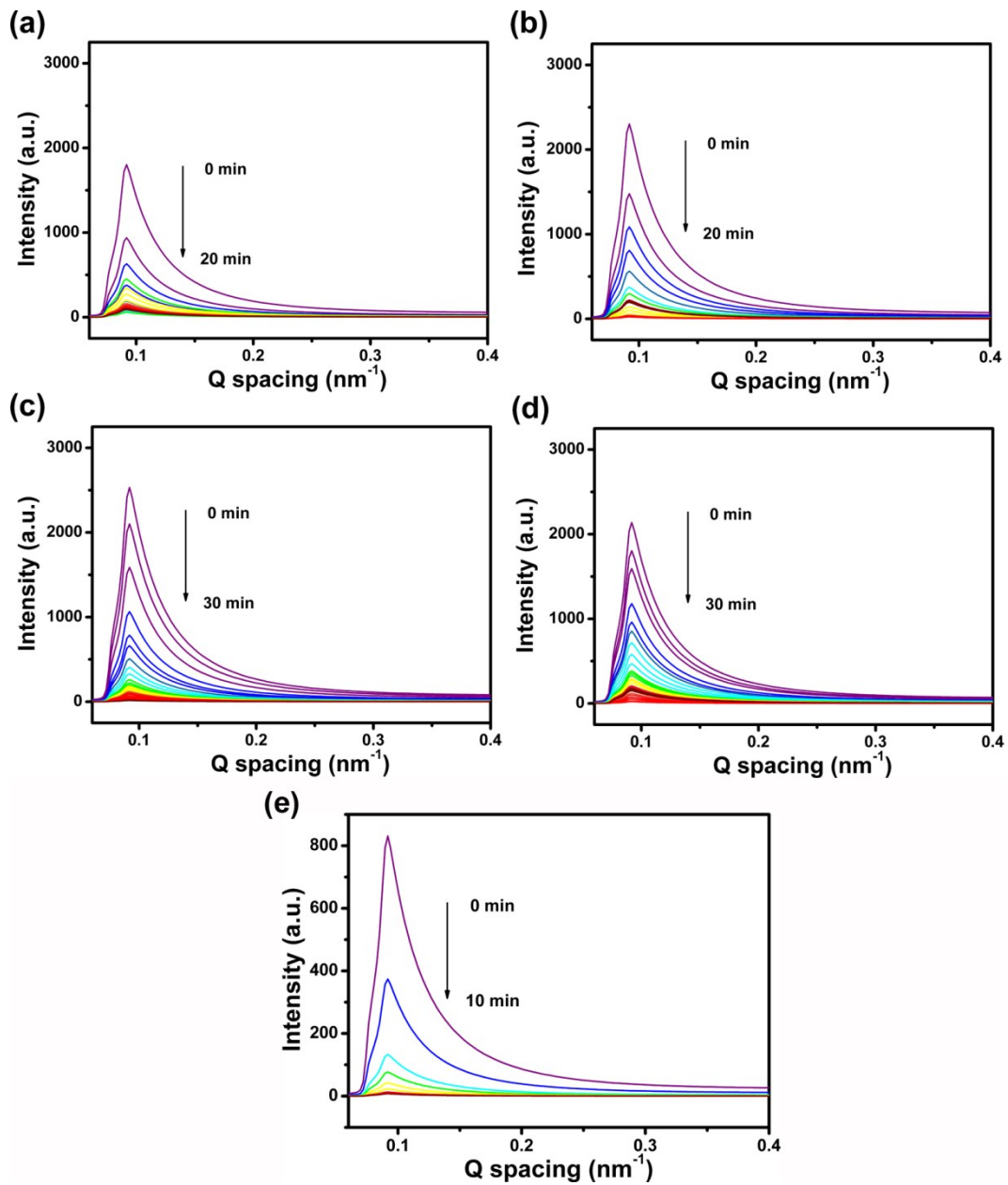


Fig. S3 1-D SAXS profiles of iPP nucleated by NX8000K (a), 3988 (b), 3940 (c), 3905 (d) and pure iPP (e) achieved by converting the 2D SAXS patterns using Fit2D software.