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Synthesis of bottlebrush copolymers based on poly(dimethylsiloxane) for surface active additives

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KEYWORDS. Bottlebrush, polymer, PDMS, PLA, surface coatings, blends, thin films, XPS, contact angle, grafting-through

ABSTRACT. Bottlebrush polymers have been used as surface-active additives for chemically-identical linear polymers because they spontaneously accumulate at surfaces through an entropy-

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