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Effect of the surface hydrophobicity-morphology-functionality of nanoplastics on their homo-aggregation in seawater

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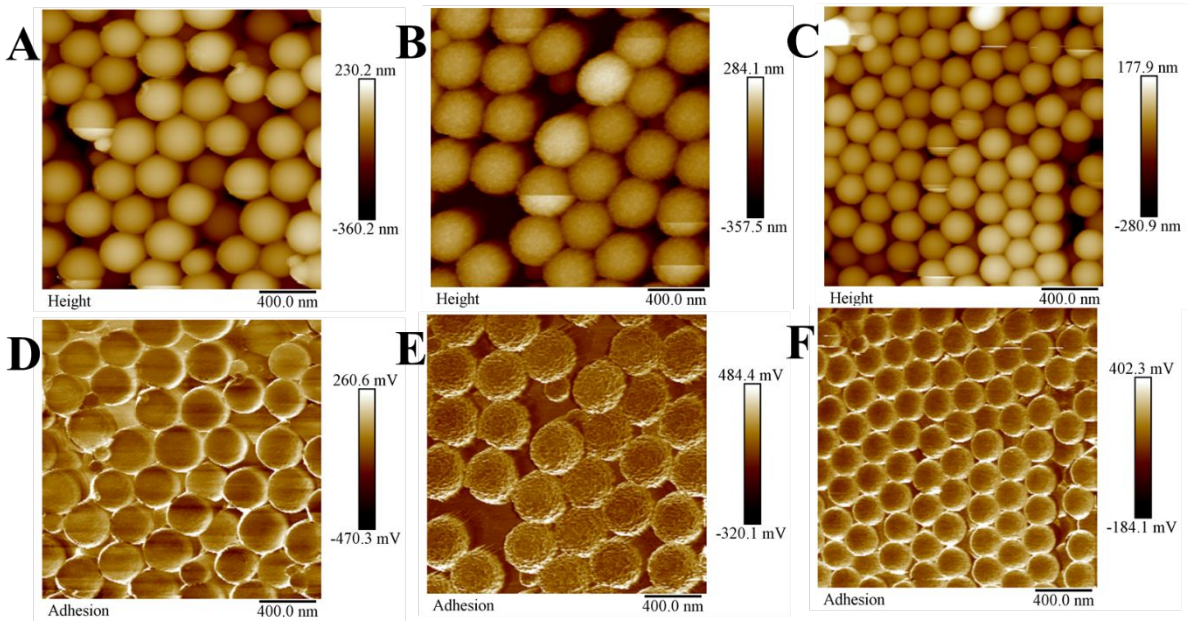

Figure S1: A, B, C: AFM topography images of PS9-AA, PS22-AA and PS22-MAA films with their particle size; D, E, F, adhesion images of PS9-AA, PS22-AA and PS22-MAA respectively.

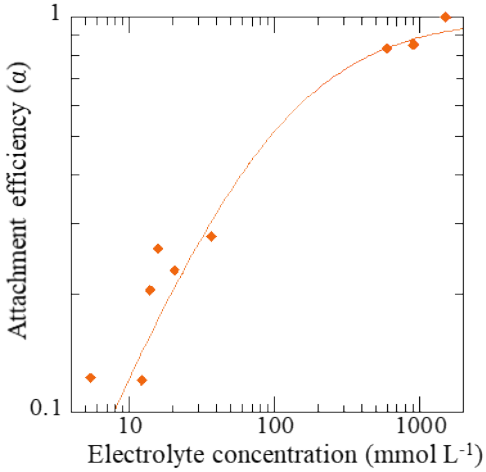

Figure S2: Attachment efficiency as function of electrolyte concentration of PS-m. The line represents empirical fitting to equation 1.

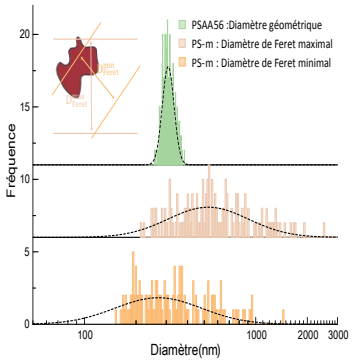

Figure S3 : Size distribution of (●) geometric diameter of spherical model nanoplastics (PSAA56), maximum (●) and minimum (●) Féret diameter of polymorphic nanoplastics (PS-m)