

Supplemental Document

Table 1: Hansen solubility parameters (HSPs)

Item	Solute	Solvent			
	ODTS	Tetrahydrofuran	1,3-Bis(trifluoromethyl)benzene	Toluene	Decane
HSP	18.4	19.4	18.3	18.1	15.7

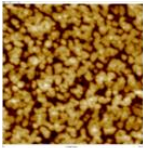
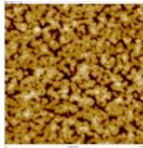
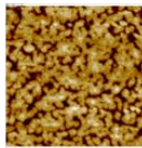
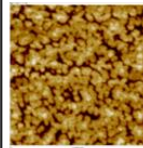
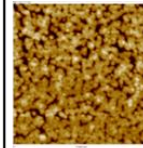
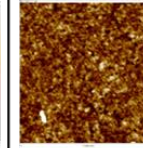
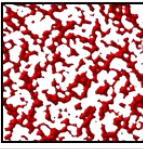
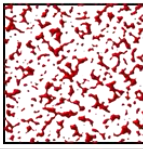
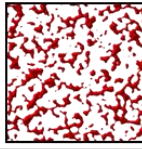
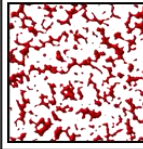
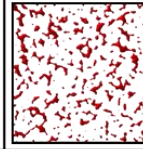
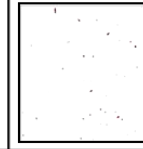
Intermediate cleaning solution	Without intermediate cleaning (Ref)	Tetrahydrofuran	1,3-Bis(trifluoromethyl)benzene	Toluene	Decane	Toluene + SC1
AFM Image						
Defect Map						
Percentage of defect area	43.7 %	25.5 %	32.1 %	28.4 %	19.6 %	0.3 %

Figure 1: AFM image, defect map, and numerical figures of defect areas plotted as a comparison of the solvents used for the intermediate wet cleaning solution. The defect area is highlighted in red.