

**Nitrogen doped nanoflower porous carbon as nonmetal catalyst for
acetylene hydrochlorination**

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sample	D(nm)	S _{BET} (m ² g ⁻¹)	V(cm ³ g ⁻¹)
BTDA-BZD	3.21	581	0.47
BPDA-BZD	3.15	197	0.15
BTDA-pPDA	2.61	166.3	0.69
PMDA-BZD	4.18	176.3	0.18

Table S1: Texture parameters of the samples.

Fig. S1. SEM images of NPC-T catalysts. (a) 500°C, (b) 600°C (c)700°C, (d) 800°C, (e) 900°C, (f) 1,000°C.