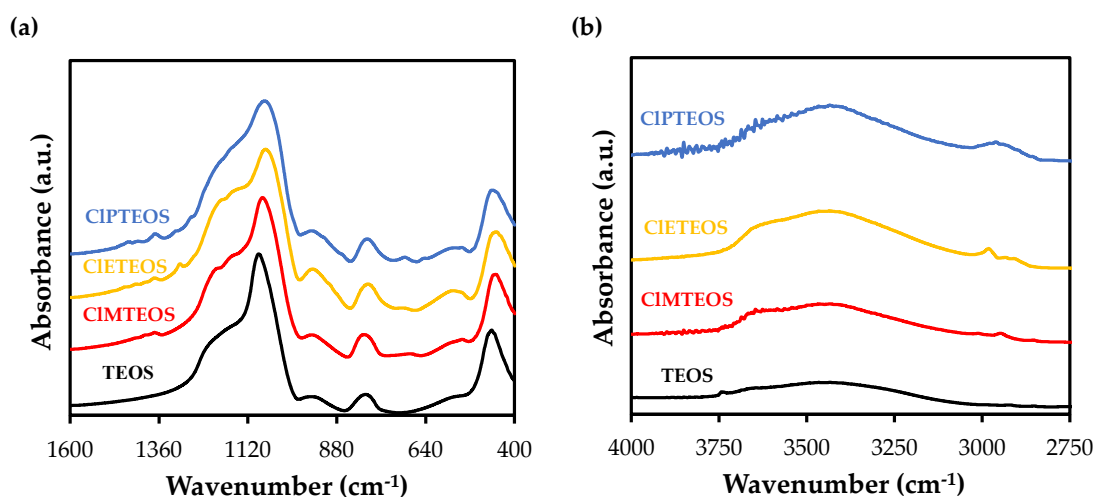
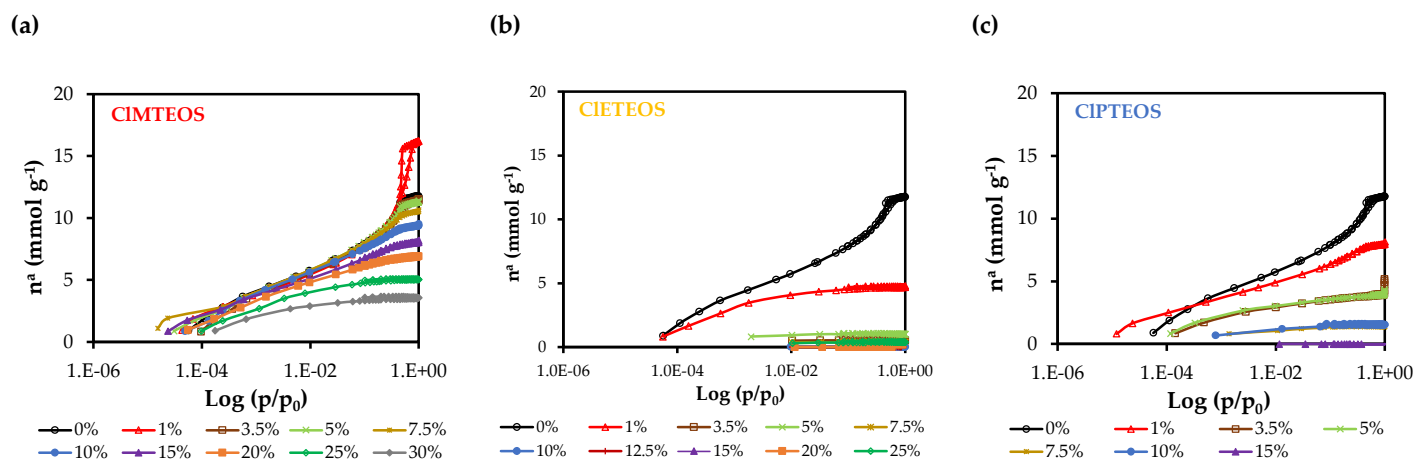


SUPPLEMENTARY MATERIALS

Novel Organochlorinated Xerogels: from Microporous Materials to Ordered Domains

Table S1. Gelation time of CIRTEOS:TEOS materials

RTEOS	RTEOS (%)	t_g (h)
CIMTEOS	5	6
	15	8
	25	11
CIETEOS	5	141
	15	357
	25	815
CIPTEOS	5	13
	15	1199
	25	4769

**Figure S1.** FTIR spectra of xerogels synthesised with 15% precursor within the range of (a) 1600–400 cm⁻¹ and (b) 4000–2750 cm⁻¹**Figure S2.** N₂ adsorption isotherms at -196 °C on a semi-logarithmic scale of the reference material and hybrids (a) CIMTEOS:TEOS, (b) CIETEOS:TEOS, and (c) CIPTEOS:TEOS

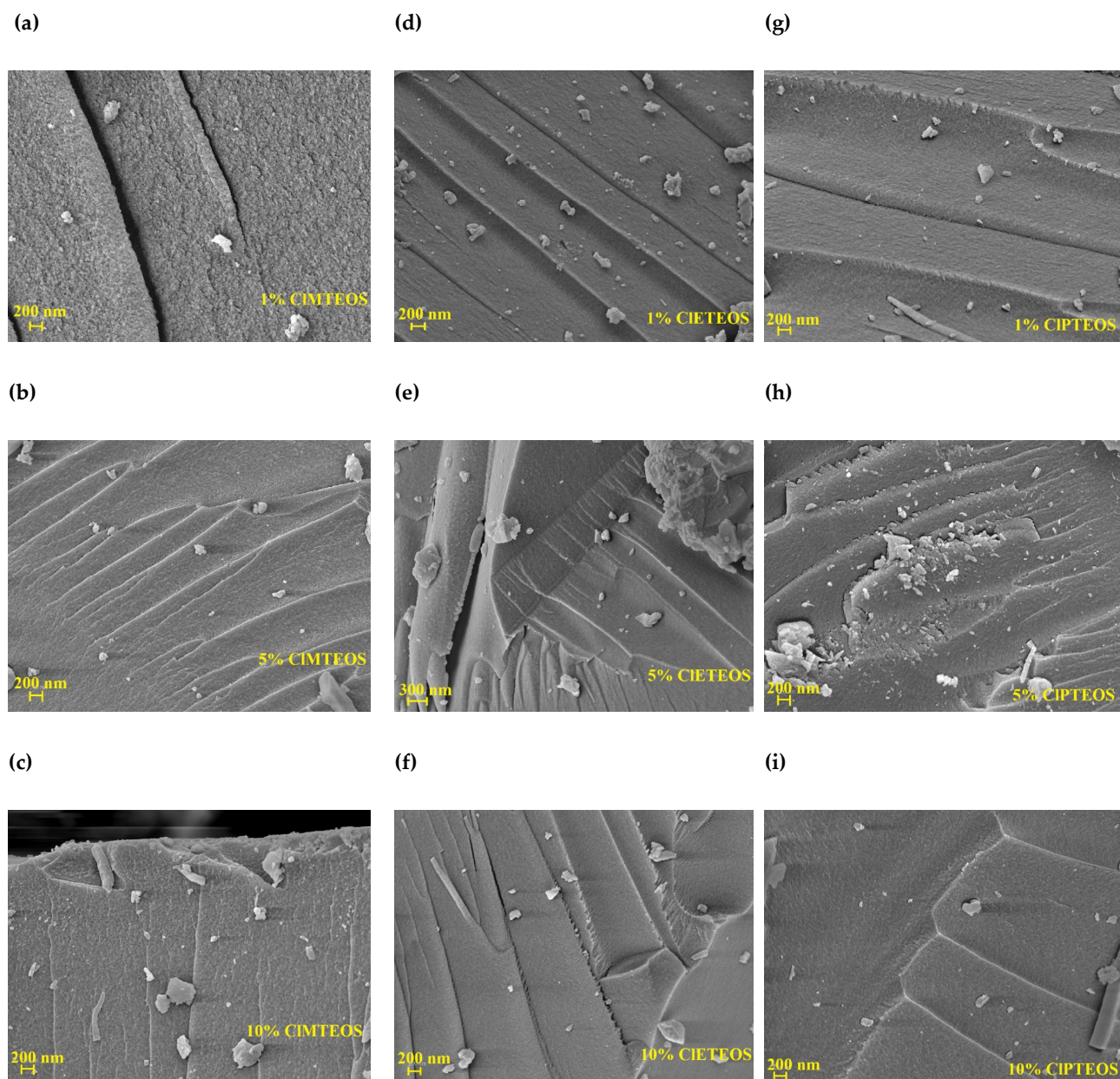


Figure S3. FE-SEM micrographs of (a-c) CIMTEOS:TEOS materials, (d-f) CIETEOS:TEOS materials, and (g-i) CIPTEOS:TEOS materials

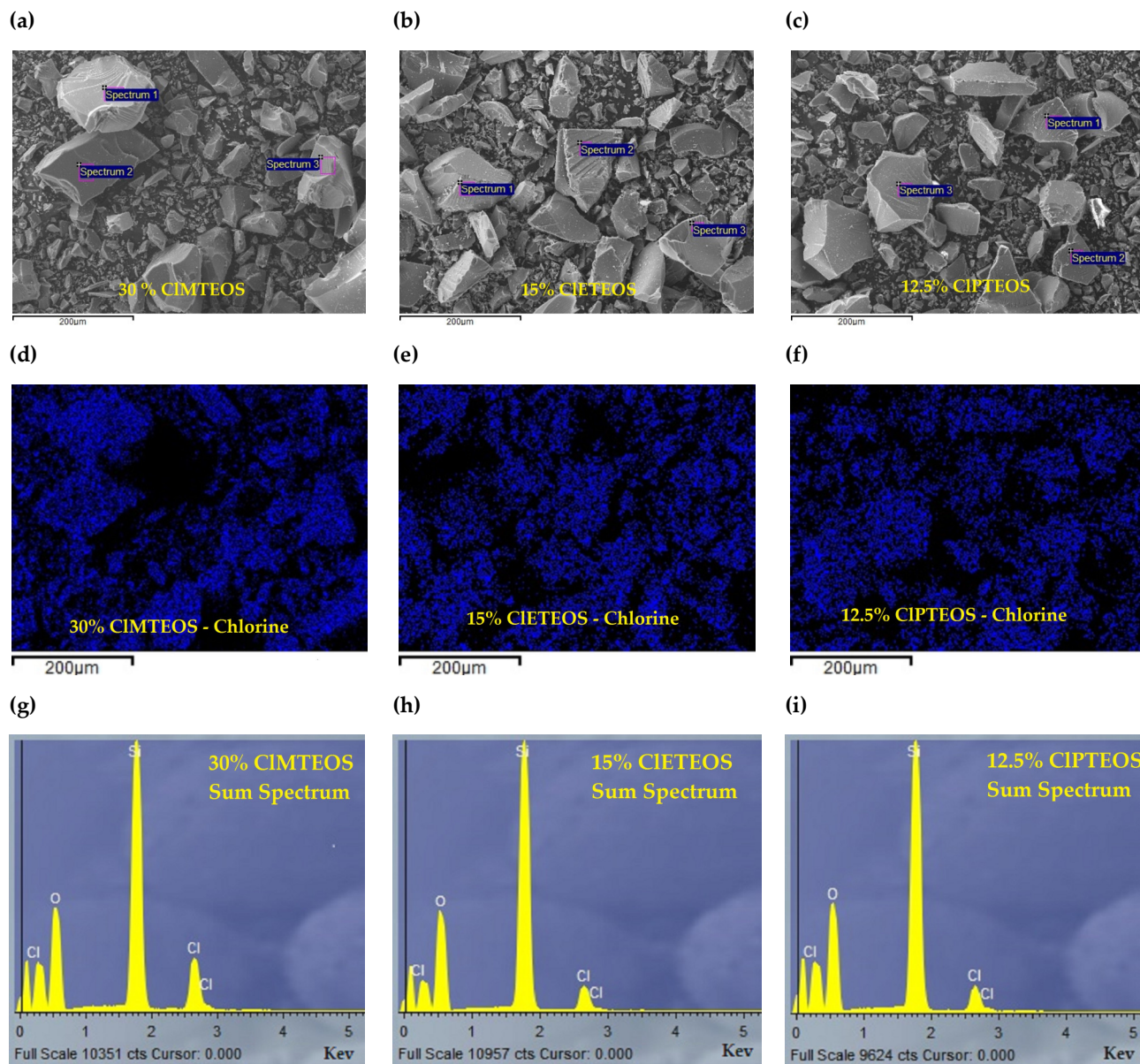


Figure S4. SEM micrographs of the chloroalkyl materials, (a-c) Distribution of chlorine atoms on the surface of xerogels obtained by applying EDX, (d-f) Sum of EDX spectra obtained by analyzing different points of the micrographs (g-i)