Application of subcritical water to dechlorinate Polyvinyl Chloride Electric Wires

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The SM contains 4 pages of additional information and includes two figures and one table.

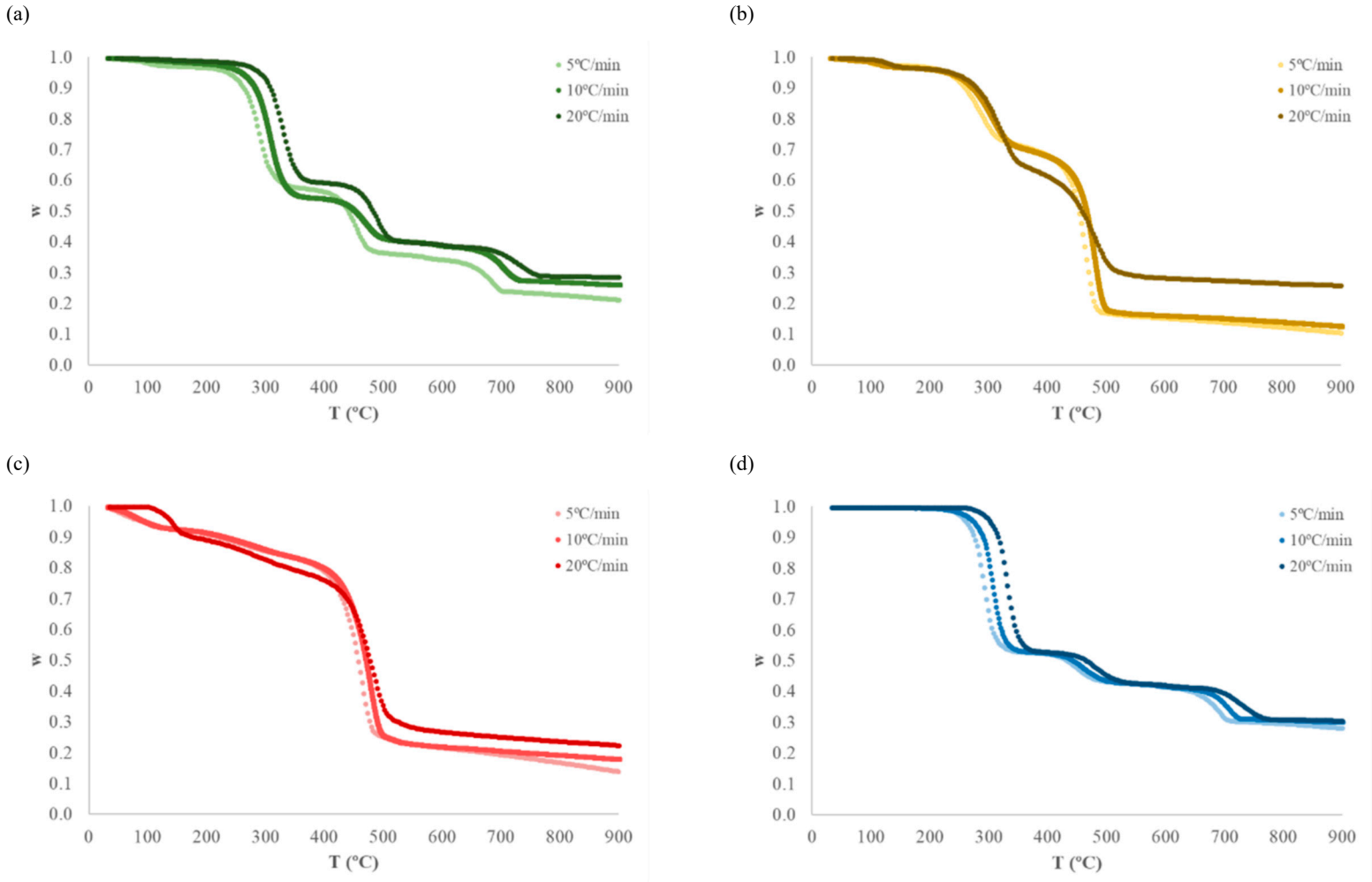

Figure S1. TG-curves obtained during the pyrolysis of: (a) R200, (b) R250, (c) R300 and (d) original PVC wire.

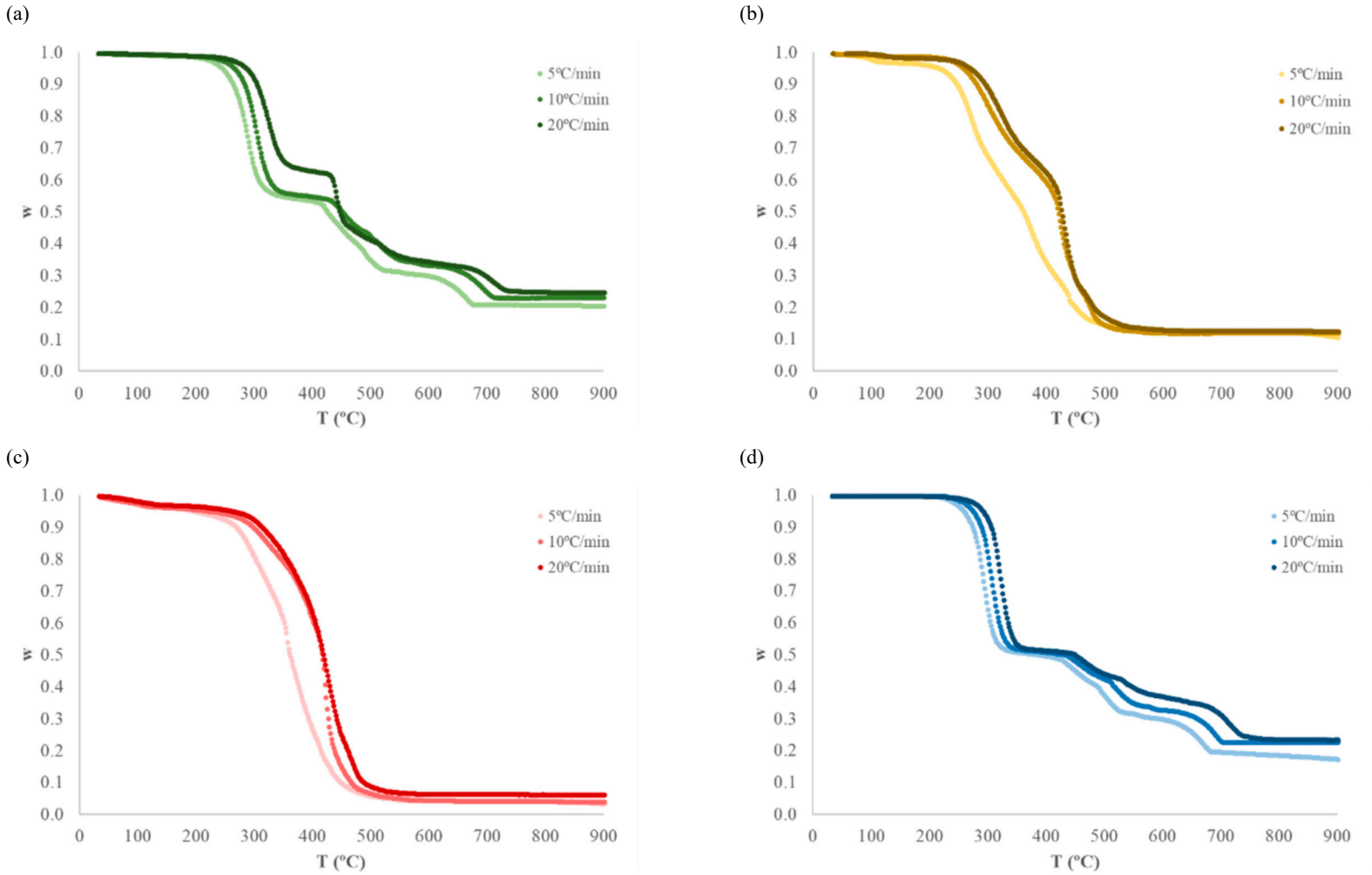

Figure S2. TG-curves obtained during the combustion of: (a) R200, (b) R250, (c) R300 and (d) original PVC wire.

Table S1. Yields of PAHs during the pyrolysis at 850 ºC.

	PVC wire	**R200**	**R250**	**R300**
Compound	**C (mg/kg sample)**			
naphthalene	8160	9590	13750	14260
acenaphthylene	3260	4110	5350	6570
acenaphthene	70	100	260	270
fluorene	1560	1790	2170	3030
phenanthrene	1660	2020	2860	3660
anthracene	960	1090	1590	1790
fluoranthene	450	450	760	1390
pyrene	480	480	890	1470
benzo(a)anthracene	370	330	550	1010
chrysene	280	260	360	610
benzo(b)fluoranthene	350	80	130	230
benzo(k)fluoranthene	110	100	150	410
benzo(a)pyrene	220	150	230	510
indeno(1,2,3-cd)pyrene	50	70	100	260
dibenz(a,h)anthracene	20	20	20	60
benzo(g,h,i)perylene	70	50	90	180
TOTAL	18070	20690	29260	35710

nd: not detected (<0.5 mg/kg sample)