

Tables

Table 1: Formulations of the different materials (the proportions are expressed in phr: per hundred parts of matrix)

Table 2: Evolution of the polymer soluble fraction F_p ($\% \pm 3$) for E-CR, E-ATHU and E-SiU rubber, for each ageing condition

	EPDM	Peroxide	ATH	Silica
E-CR	100	3	0	0
E-150ATHU	100	3	150	0
E-SiU	100	3	0	50

Table 1: Formulations of the different materials (the proportions are expressed in phr: per hundred parts of matrix)

	Initial	Thermal Ageing 80°C			Irradiation 25°C				Irradiation 80°C		
Time (h) or Dose (kGy)		50 h	165 h	300 h	50 kGy	165 kGy	300 kGy	510 kGy	50 kGy	165 kGy	300 kGy
E-CR	0	0	0	0	3	6	9	21	8	29	100
E-ATHU	0	0	0	0	0	4	12	27	0	26	100
E-SiU	3	0	0	0	3	3	25	34	17	30	-

Table 2: Evolution of the polymer soluble fraction F_p ($\% \pm 3$) for E-CR, E-ATHU and E-SiU rubber, for each ageing condition

