

Effect of Nanoclay Content and Matrix Composition on Properties and Stress–Strain Behavior of NR/EPDM Nanocomposites

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In the published article cited above, the following errors were discovered.

Page 1278 (top):

Figure 1. (a) XRD results of NR75/EPDM25 nanocomposites containing 1, 3, 5, and 7 wt % nanoclay. (b) XRD results of different compositions of NR/EPDM containing 3 wt % nanoclay.

The caption was incorrect and should have read:

Figure 1. (a) XRD results of NR75/EPDM25 nanocomposites containing 1, 3, 5, and 7 wt % nanoclay.⁴ (b) XRD results of different compositions of NR/EPDM containing 3 wt % nanoclay.

Page 1279 (bottom), Table V:

Table V. Mechanical Properties of Prepared Samples Before and After Thermal Aging

Sample code (Dimensions)	Tensile strength (MPa)	Compression strength (MPa)	Tear strength (MPa)	Modulus 100% (MPa)
Before aging				
S ₀	1.403	0.72	18.1	0.90
S ₁	5.3	0.9	19.64	1.07
S ₂	8.247	0.93	21.1	1.09
S ₃	10.12	0.957	22.8	1.14
S ₄	10.795	0.998	24.75	1.26
S ₅	18.5	1.02	28.59	1.09
S ₆	4.4	1.068	19.3	1.10
S ₇	3.89	1.075	18.8	1.17
S ₈	1.59	1.078	16.2	1.20
After aging				
S ₀	0.98	0.50	12.67	0.63
S ₁	3.975	0.68	14.74	0.80
S ₂	6.43	0.72	18.568	0.85
S ₃	8.19	0.765	18.24	0.91
S ₄	9.17	0.867	21.03	1.07
S ₅	12.395	0.67	18.68	0.7
S ₆	3.82	0.91	16.598	0.95
S ₇	3.42	0.96	16.92	1.05
S ₈	1.43	1.01	14.74	1.1

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^a Data taken from reference 4.

We apologize for any inconvenience this may have caused.