Response to Reviewer 2 Comments

Reviewer #2: The authors prepared NR sheet with improved mechanical properties. Few points should be clarified.

Point 1: In the introduction, the authors stated that "To circumvent the above issues, we constructed a double crosslinked filler network assisted by the modified sodium lignosulfonate (MSLS) and polyamide epichlorohydrin (PAE), which was well dispersed in the natural rubber latex matrix to restrict the motion of fillers and avoid the separation of fillers with rubber matrix.". What is actually the filler in this work?

Response 1: Thank you very much for discovering the error. this is a writing error, we have changed "double crosslinked filler network" to "double crosslinked network". In fact, the filler in this work refers to modified sodium lignosulfonate (MSLS).

Point 2: The specimens were prepared as 1 mm thick so it can be considered as a sheet. The authors should test their mechanical properties following some standard (e.g. ISO, ASTM)

Response 2: Agreed. In the manuscript, the sample was cut into a dumbbell shape, and the ASTM D412-98a standard was used for testing.

Point 3: The elongation at break and modulus should also be reported.

Response 3: Thanks for your useful advice. We summarized the elongation at break and modulus, as shown in Table S3 in Support Information.

Point 4: Statistical treatments of mechanical properties should be performed.

Response 4: Thanks for your useful advice. Statistics of mechanical properties have been summarized in Supporting information Table S3, including tensile strength, elongation at break, elastic modulus and tear strength.