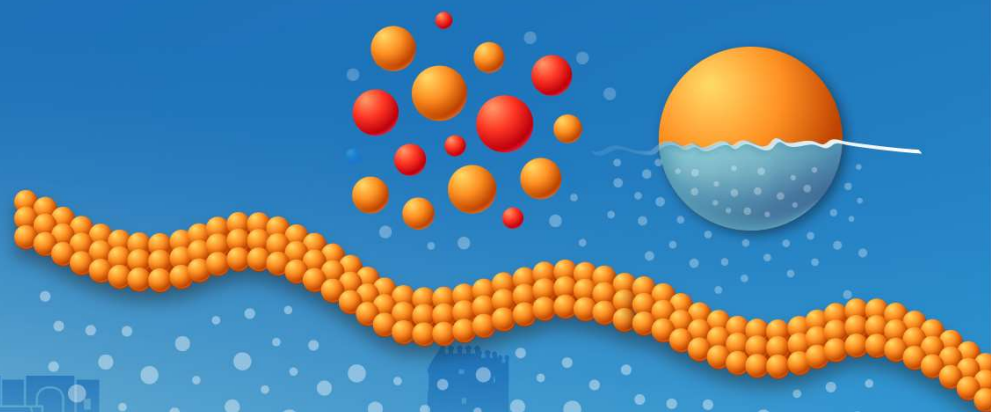


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colloidal rubber solution from recycled tyres: redrawing the tyre crumb applications



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Final remarks

- Rubber sol produced from recycled crumb rubber with benign solvent and PAA
- **Versatile rubber solution to expand the crumb rubber applications in several sectors, protecting the environment**
- Rubber is in part oxidized, making its combination with other materials more straightforward
- **Very low thermal conductivity values were achieved with the rubber-aerogel composite – superinsulation**
- Easy application of the rubber sol as coating of several types of surfaces
- **Successful sealing of recycled tire floorings, providing also functional and aesthetically pleasing characteristics**
- The developed products are in line with the principles of circular economy

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