



Aplicaciones de caucho reciclado: Una revisión de la literatura [

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Analítica

The generation of rubber waste has become a global concern for its negative impact on the environment and human health. Environmental legislation on the disposal of this kind of residue has been increasing the demands on the manufacturers, traders, and users; therefore, has accelerated the search for alternatives to reclaim rubber waste. This article presents a bibliographical review of the main tendencies in the use of recycled rubber, including currently commercialized applications and others derived from finished studies or ongoing research lines. The applications with greater potential regarding consumed volume are related to infrastructure and civil construction sector, especially asphalts, concretes and isolators for lightweight construction. Some other applications with potential shortly are filters for cleaning contaminated water and as a component in thermoplastic matrix or polyurethane composites materials. Finally, it is evident the pertinence of continuing research on this subject that has scientific challenges of high relevance, which warrant the greatest attention for the management of rubber waste

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