

E2-37: Use of blends of glove wastes and natural rubber in rubber products manufacture

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Substantial amount of defective examination gloves are rejected in glove manufacturing factories in Sri Lanka. These glove rejects cause a severe environmental hazard. A series of experiments were carried out to investigate the possibility of recycling these glove rejects and using them as a blend or a filler in the manufacture of rubber products. Results of the experiments indicate that appreciable quantity of recycled glove wastes can be blended with natural rubber (NR) to give comparable properties to those obtained from using NR alone.