

# Plastic Polymer Is Eco-Friend with the Environment

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## ABSTRACT:

Plastics save green house emissions and save the earth from Global warming. It is replacing materials due to superior properties. Plastic carry bag accounts for less than 1% of total plastic consumption. Energy saving 81% for plastic bag as compare to jute bag. This gives a comparative analysis of environmental burden generated by paper, jute and textiles bags which are not visible to naked eyes though in comparison to plastic bags. Polythene is approved safe material for use for packing, plastics are to toxicity. Emissions at fire situation have similar or less implications in comparison as like wood, paper & cotton. Emissions during burning of paper and polythene are similar. During decomposition state biodegradable (Recycle plastic) plastics emit  $\text{CO}_2$  &  $\text{CH}_4$  Both are green house gases ,so plastic as a ecofriendly to environment. Green chemistry is very useful in our daily life.

**Keywords :** Plastic polymer , jute bags ,biodegradable plastic ,green chemistry etc.