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# A review on Chemical Processes for Plastics substrates used in engineering industries

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**Abstract :** The application of chemical processess treatments over plastics based substrates have gained much importance owing to their improvement of life time , light weight after metal layers formation and suitable shapes . This article reviews the various surface modification technologies using chemical processes onplastics based substrates of engineering components. Recent work has shown that the surface finish, wear resistance, corrosion resistance, and mechanical properties of plastics can be improved selectively by using the appropriate surface treatment techniques while the desirable bulk attributes of the materials are retained. The proper surface treatment expands the use of plastics as a replacement to metals in the automotive industry. The research findings have been thoroughly investigated this review article.

**Keywords:**Chemical processess, surface modification, plastics,corrosion.

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