ADDENDUM

The Research Work was directed to prepare a combination of natural and synthetic products through the preparation of Polymer Blends with the help of sequential mode of IPN synthesis and to evaluate the performance of the Chemical Blends by studying primarily the mechanical and morphological properties. However, both IR and D.S.C. studies were tried. IR spectroscopic studies of the IPN samples prepared were made on a few selected samples, but no evidence of interpenetration could be obtained from these data and as such, no further investigations were made in these lines. D.S.C. studies were tried, but in this case also no significant, mentionable data were obtained in terms of non-existence of well-defined glass-transition temperatures.

It may be mentioned here that the main purpose of the work was to carry out some performance studies of chemical Polymer Blend Systems prepared from natural and synthetic polymers ranging from toughened plastics to reinforced rubber and elaborate studies were made on these aspects. Analytical studies were of secondary importance and in any case, since graft copolymerisation reactions were insignificant, little information could be obtained from IR and D.S.C. studies.

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