

SUMMARY

This lecture looks into plastics and their role in building industry as a building material of relevance. A brief look at polymerization and an introduction to plastics as a material. Plastic is becoming one of the most important materials in terms of both architecture and interior design. Its properties as a building material in manufacturing separate elements of building such as windows, doors and façade applications are discussed. The properties of plastic which make all this relevant are also discussed in detail. Also discussed are briefly the process of making plastic, elastomers and their properties. An important part of the lecture is dedicated to topic of decorative laminates, which is essentially a plastic and paper resin, and its role in interior design and decoration. Its properties, classification based on properties, and its applications are discussed