

MME 312: Polymeric Materials

Chemistry-polymerization processes - condensation, polymerization. Addition polymerization. Epoxi-depo-polymerization (Fibre glass, carbon fibre materials) synthetic rubbers. Styrene- butadiene rubber. Thermoplastics and thermosetting plastics technology polymerization moulding, extrusion moulding calendaring solid state forming. Visco-elastic characteristics of polymers, properties and applications of polymers.