Tirupati Plastomatics

(Integrated Management Systems (IMS) Certified Company)

E-BEAM CROSS LINKED CABLE

The modification and enhancement of mechanical and thermal properties of polymers can be carried out either by conventional means using silane or peroxide or by irradiation through high energy electron beam generated from electron accelerators. The electron beam curing in "Wires and Cables results into improvement of mechanical, thermal, chemical resistant, and other properties.

The enhancement of properties results into improved physical properties with reduced thicknesses, higher temperature withstand capability, higher current carrying capacity and thus increased life of these cables. The e-beam cross-linking technology not only increases life and the current carrying capacity, but also prevents fires due to overload short circuits and thus saves precious lives and property. Because of increased life and performance compared to conventional cables, e-beam cross-linked cables are being adopted in all high-tech applications such as Railways, Ship-Wiring, Nuclear Plants, Defense, Solar Power, Aerospace, and Automotive Sectors.

CABLE

- Solar PV Cable
- Locomotive Cable
- Ship-Wiring Cable
- Marine Cable
- EPR/LHLS/LFH Cable
- Water Blocking Cable
- Fire Survival Cable
- Appliance Wiring Material
- Wind Mill Cable
- Automotive Wire

OTHER PRODUCTS

- Heat Shrink tube
- Thin Wall Sleeve / Tube
- Medical Sterilization
  Moulded Components/O-Rings