

POLYMER IN RAILWAY

Plastic is everywhere, Polymer finds its ways in the railways:



ANULON®

APPLICATIONS

Lookout Glass

Polycarbonate look out glass for the LMU's with both sides silicon coating is a must and is supplied by us to the eastern railways. These lookout transparent sheets are virtually unbreakable, UV protected, Scratch resistant and fire retardant, thereby making it the most safest product to use as look out glass.

Acrylic Anti Bird Disc

Anti bird discs of CAST ACRYLIC are used in electrical poles for protection against birds. These are machined from Imported grade cast acrylic sheets and can be made of any required size and as per the drawing provided.

Cast Polyamide Pulleys

Anulon 115 PA6 pulleys are used in cranes used at accidental sites to life the 140 tonnes railway coach. These pulleys are self lubricant and have very low coefficient of frictions and is used with metal ropes to life the coaches. These pulleys are 1/7th the weight of metal pulleys and are stronger than those and given the self lubricating properties, no lubrication is required in the process and which in turn increases the life of the metal ropes.

Liner for wagons

Anulon 94 UHMWPE and Anulon 94H HMHDPE Liners are used in the inside of the wagon to protect the metal body from getting damaged and allows smooth flow of material from the wagon. These liners are non stick and abrasion resistant and have good impact resistant properties which make them the most suitable material to use for this application.

More polymer applications

- **Polycarbonate Roofing**
Sheets for day light saving
- **Anuflex** transparent soft strip curtains
- **Anulon 98** Geomembrane

Various machined parts

- Gears
- Blocks
- Liners
- PU Screens
- Polyamide bush
- Nozzles
- Pads

PLASTIC ABHIYANTA

PLASTIC ENGINEERS AND CONSULTANTS

AN ISO 9001:2015 CERTIFIED COMPANY

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