

UHMW-PE High Performing Engineering Plastic

PROPERTY PROFILE

- ◆ High Wear Resistance
- ◆ Good Notched Impact Strength
- ◆ Excellent Bearing / Self Lubricating
- ◆ Very Low Co-efficient of Friction
- ◆ Energy Absorption Capacity at High Loads
- ◆ Excellent Chemical & Corrosion Resistance
- ◆ Almost Zero Water Absorption
- ◆ Non-Toxic, Food Grade

AVAILABILITY

- ◆ In Sheets of Different Thickness
- ◆ In Tape Form
- ◆ Rods
- ◆ Sections
- ◆ As Finished Components to Customers Need.
- ◆ Trolley Wheels
- ◆ Available in Natural white & In Different Colours.

APPLICATION

Finds Application in wide spectrum of industries, Such as Machine Building

- Conveyors • Material Handling • Assembly & Supply Technology
- Coal & Mining • Chemical Industry • Port • Food Industry etc.

WHAT WE CAN OFFER

Over two decades of experience, we work closely with our customers to not only advice on application but also as a reliable manufacturer of machined plastic precision parts. We maintain adequate stock of imported quality raw material, have state of art moulding & in-house machining facilities. Try us for quality, assured delivery & competitive rates.

PALI POLYMERS

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A High Performing Engineering Plastic UHMW-PE Ultra High Molecular Weight Polyethylene Engineering Plastic

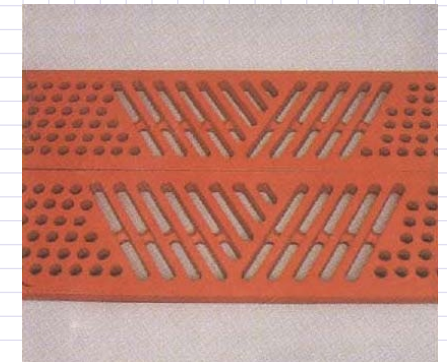


PALI POLYMERS



UHMW-PE is available in sheets, rods, sections & components.
 Sheets: (1) 2000mm x 1000mm x 6 to 100mm thk.
 (2) 1000mm x 1000mm x 100 to 175mm thk.
 Rods: Ø 25mm to Ø200mm in 300-1000 length
Also available as per customers requirement.

UHMW-PE is widely used in Paper making machinery, it is used as suction box cover, foils, scrapper blade etc.

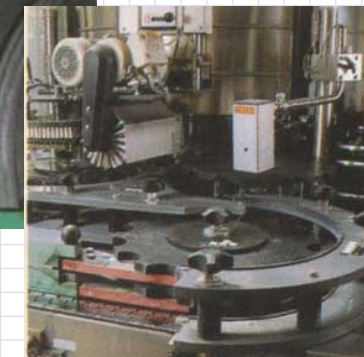


APPLICATIONS

UHMW-PE is a widely acceptable food grade plastic. It is hygienic, resistant to acids & alkalis, also does not absorb any moisture. Widely used in Hotel industry as chopping boards & also where it has to be used in direct contact with the food.

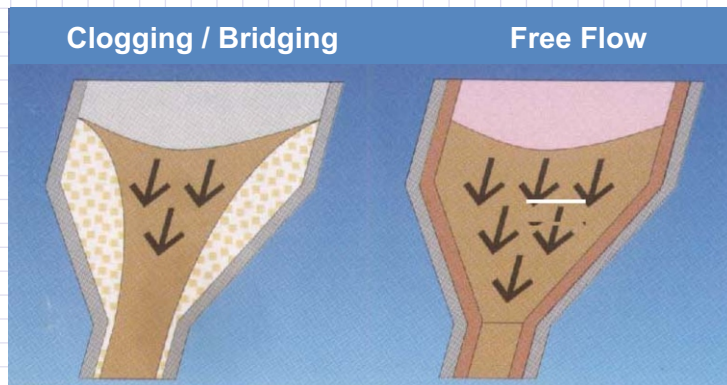


As **UHMW-PE** has low co-efficient of friction, high resistant wear, it is widely used as sliding guides & sections for conveyor elements. In Breweries & Pharmaceutical industries etc.



Clogging / Bridging

Free Flow



UHMW-PE is widely used as Liners in silos, hoppers, bunkers etc. As it has excellent sliding properties, it increases the flow of material, also there is no clogging/bridging of material during the flow. It has excellent resistant to wear & high impact strength.

UHMW-PE is widely used for fendering (docks & ships), jetties, buffers, bumpers, gates etc. It provides cost-effective alternatives to traditional material.

