

REF: KPPL/CEMENT/40

SUB: PLASCON UHMW AN ENGINEERING PLASTIC SHEETS FOR CEMENT INDUSTRY

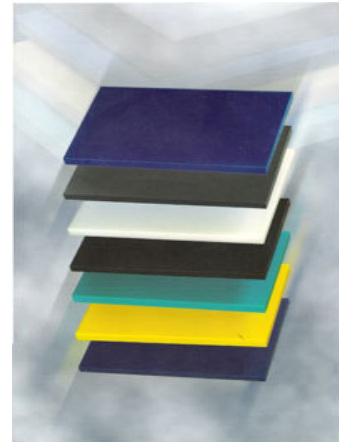
Dear Sirs,

We pleased to inform you that we are the manufacturer of **PLASCON UHMW** (Ultra High Molecular Weight) a multipurpose and unique engineering polymer plastic material available in the form of Blocks, Sheets, Square, Bars, Sections , Profiles, Solid and Hollow Rods (Machinable) which are extremely suitable for numerous industrial application.

Intermediate Hanger Bearing for 75 mm dia, 400 mm dia & 700 mm dia screw conveyor.

* UHMW Liner plates - Friction Ring for segments of: 1360 O.D. & 5 Segments
* Loading Due to the following properties of our PLASCON UHMW Plates/Sheets are suitable for following applications:

- * UHMW - Liners
- * UHMW Shuttle Belt
- * Bag Diverter etc
- * Proxy Sensor Holder of electronic Roto Packer
- * Shoe with bearing



PLASCON UHMW HAS THE FOLLOWING PROPERTIES:

- TOUGH MECHANICAL STRENGTH
 - SELF LUBRICATING
 - HOMOGENOUS CONSTRUCTION
 - EXCELLENT ABRASION RESISTANCE
 - EASILY MECHANIBLE
1. Sliding & Anti stick properties: Particle Build up prevented
 2. Resistant to strong Alkali and other Organic Solvents etc.
 3. Water Repellent does not swell
 4. Exceptional Impact Strength & outstanding toughness enables to stand stores and outstanding abrasion resistance.
 5. Low Co-efficient of friction – 0.9 it outwears similar metal parts in sliding application by a Factor as 20:1.
 6. SAND SLURRY TEST DETAIL:

A disc of specimen was run for a period of seven hours at a speed of 1750 R.P.M. A rating of 100 was assigned to Carbon Steel for its material loss after the test Result of other material tested along with **PLASCON** is expressed in relation to the figure. The lower, the figure, better the wear properties. Following chart indicates the superiority in abrasion resistance PLASCON commands:

PLASCON	15
PHENOLIC FIBRE	219
NYLON	78
CANVAS PHENOLIC	269
CARBON	100
FLUROCARBON FILLED	335
POLYPROPYLENE	189

Please note we are supplying our PLASCON Products i.e. Liner, Sheet, Hanger Bearing, Shuttle, Shoe, Block, Spur Gear, Bag Divertor, Pipe etc. to various reputed Industries like,

- a) M/s Gujrat Ambuja Cement, Junagarh
- b) Maihar Cement, Satna (M.P.)
- c) Satna Cement works, Satna (M.P.)etc.
- d) Birla Corporation Ltd. Cement Works, Chittorgarh , Raibareily, Chanderia etc.
- e) Ultratech Cement
- f) Grasim Industries Ltd. (Cement Plant)

We request you to please favor us with your valued enquiry along with specification as early as possible.

Thanking you,
Yours faithfully,
For KBK Plascon Pvt Ltd

Authorized Signatory