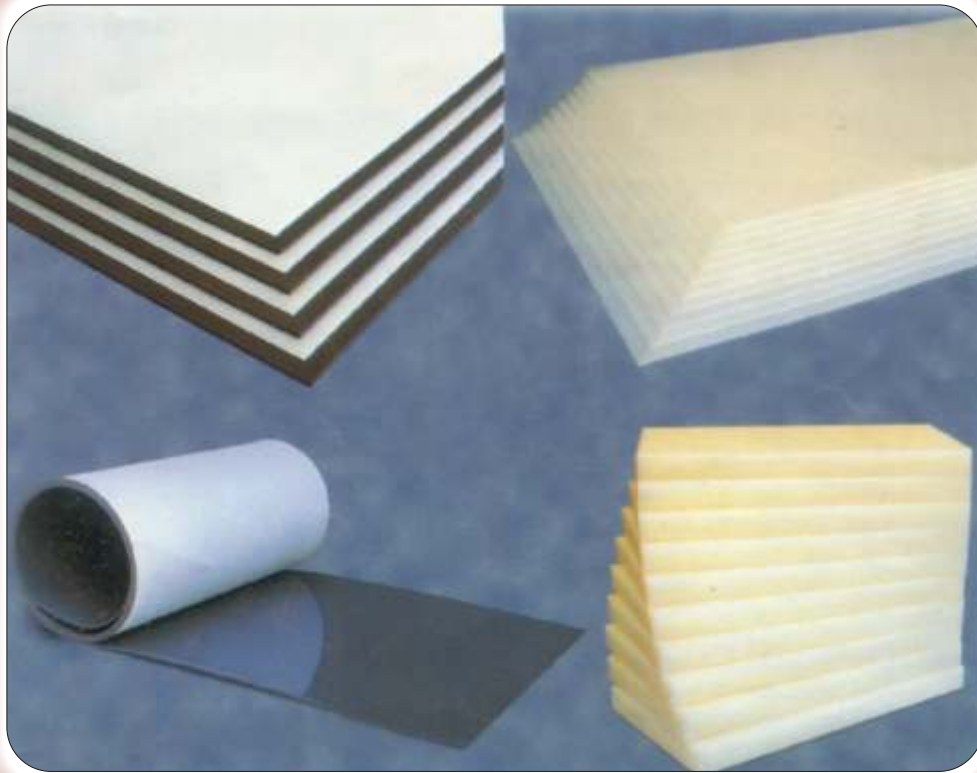


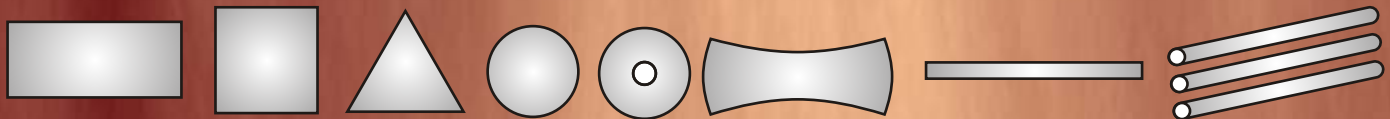
An ISO Company

*Creating Polymer Solutions*



An Engineering Thermoplast

*A substitute for Steel copper Metal Alloys*



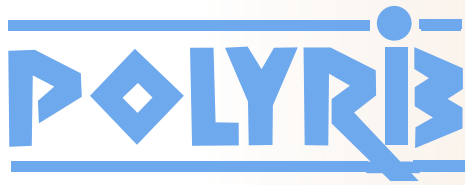
**KHANNA POLYRIB PVT. LTD.**

3A/87, Azad Nagar, Kanpur - 2 India

Tel. : +91-512-2369353, 2310146, Fax : 2352058

E-mail : [kbk@sancharnet.in](mailto:kbk@sancharnet.in)

[www.plascon.org](http://www.plascon.org)



### **KBK UHMW SHEETS**

KBK UHMW Sheets are ideal material for lining silos, bunkers, chutes, truck, rail wagons, ship hold etc. It allows good material flow with minimum caking bulk solids and powder products. Excellent machining properties of the material allows it to be used as replacement for thousands of metal and plastic machinery parts.

#### **ADVANTAGES**

- ✍ Excellent wear resistance best in plastic
- ✍ Very high impact strength, it is unbreakable
- ✍ Good chemical resistance
- ✍ Low coefficient of friction
- ✍ Good machinability
- ✍ Low Temperature properties

#### **DELIVERY PROGRAMME**

##### **KBK UHMW Compressed Sheets**

4000 x 1230 x 10-200 mm  
4330 x 1230 x 20-75 mm  
5000 x 660 x 20-100 mm  
Other size available on demand

##### **KBK UHMW Rods**

Size : 20-200 mm dia x 300 mm length  
Higher length rods available on request  
Hollow rods available on request

##### **KBK UHMW Extruded Sheet**

1000 mm width x 2000 mm length x 50 mm thick



**CUTTING BOARDS**



**PP Sheets**

### **POLYRIB RIPLA POLYPROPYLENE SHEETS**

Polyrib Rippla Polypropylene Homopolymer is a crystalline polymer noted for excellent chemical resistance. It is used extensively in chemical processing, chemical storage, metal finishing, and metal industry. Its application includes plating and anodising process equipment chemical storage tanks and valve bodies, flanges, orthotic and prosthetic devices.

#### **ADVANTAGES**

- ✍ High strength to weight ratio
- ✍ Excellent chemical resistance
- ✍ Excellent thermoforming properties
- ✍ Corrosion resistant

#### **DELIVERY PROGRAMME**

##### **Compressed Sheets**

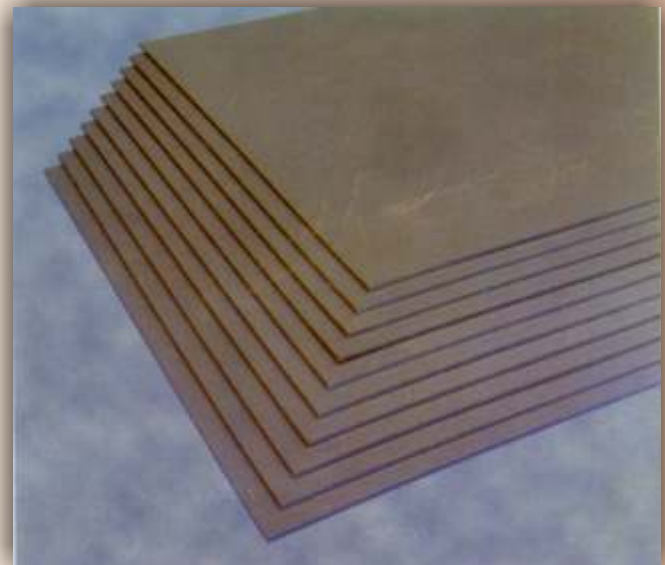
1230 x 4300 x 10-70 mm  
1230 x 4000 x 50-100 mm

##### **Extruded Sheets**

1250 x 2000 x 3-20 mm

##### **Extruded Rods**

10-200 mm dia x 1 mtr, length  
Other sizes available on demand



**PP Sheets Grey**



**HDPE Sheets**



**PP Glass Lined**

## POLYRIB RIPLA HDPE SHEETS

Polyrib Rippla HDPE is an versatile polymer used in variety of applications and industries. Its application include chemical storage, chain guides, prosthetic devices, tanks etc.

### ADVANTAGES

- ✍ Excellent impact resistance
- ✍ High tensile strength
- ✍ Low moisture absorption
- ✍ Good Chemical resistance
- ✍ Light in weight
- ✍ Good thermoforming properties

### DELIVERY PROGRAMME

#### Compressed Sheets

1230 x 4300 x 10-75 mm

1230 x 4000 x 50-100 mm

#### Extruded Sheets

1250 x 2000 x 3-20 mm

#### Extruded Rods

10-200 mm dia x 1 m length

Other sizes available on request.

## POLYRIB RIPLA CUTTING BOARD

Polyrib Rippla Cutting Board are High Quality, High Impact Strength Cutting Boards for material like Leather, Textile, Synthetics, Paper, Plywood, Foils, Rubber, Foam Rubber, Carpets, Asbestos etc. Also suitable for food industry as chopping boards.

### ADVANTAGES

- ✍ No chipping
- ✍ Better life of dies, punches, knives etc.
- ✍ High impact strength
- ✍ Different hardness to suit the requirement

### DELIVERY PROGRAMME

#### Standard Size

900 x 450 x 50 mm

400 x 800 x 50 mm

900 x 450 x 70 mm

400 x 800 x 70 mm

2150 x 1250 x 20-70 mm

Other size available on request

Property	ASTM Test Method	Unit	Polyrib PPHP	Polyrib PPHI	Polyrib PPICP
Melt flow index (230° C/2.16 kg)	D1238	g/10min	0.7	1.8	1.5
Tensile Strength at yield (50 mm/min)	D638	MPa	34	27	26.5
Elongation at yield (50 mm/min)	D638	%	9	13	7
Flexural Modulus (1% secant)	D790A	MPa	1500	1000	1280
Notched izod impact Strength (23° C)	D256	J/m	48	120	210
Heat deflection Temperature (455 kPa)	D648	°C	104	78	88