

**Ref : KPPL/PUMP/21**

SUB : PLASCON FOR PUMPS & VALVES

Dear Sirs,

We are pleased to introduce ourselves as the manufacturer of PLASCON – a unique plastic material of high molecular weight available in the form of Sheets ( easily machinable) – for construction of Pump Bodies, Impellers etc. We summaries below few of the outstanding characteristics for your immediate reference.

1. Exceptional Impact Strength & outstanding toughness enables to stand stores and outstanding abrasion resistance.

2. A ) 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 alongwith PLASCON are 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		

B ) Low Co-efficient of friction – 0.9 it outwears similar metal parts in sliding application by a Factor

as 20:1.

3. Sliding & Anti stick properties : Particle Build up prevented
4. Resistant to strong Alkali and other Organic Solvents etc.
5. Water Repellent does not swell.

From the above details , we are sure you will agree with us that PLASCON is a unique material for Pump & Valve construction.

We now request you to please expedite your enquiry for the above enable us to submit our competitive offer. Incase you need any other query or information please feel free to mail us at [info@polyrib.com](mailto:info@polyrib.com) or visit us at [www.polyrib.com](http://www.polyrib.com)