

New Project:

Dear Readers:

We all have an issue of plastic waste, its disposal & recycling. You may find heaps of LDPE /LLDPE / PP / HDPE Film, sheets, lumps, and also many kinds of Injection Molded, Extruded and Blown items' scrap in many forms.

See the form of some scrap.



And see, what we can convert such scrap in to!



Convert Plastic Scrap in to BOARD

Important figures And Assumptions:

Run the Plant for 10 Hours and produce 1.7 to 13 Tons

Run the plant for 20 Hours and Produce 3.5 to 26 Tons

The production depends much upon the sheet thickness you decide from **4 mm till 30 mm** for the sheet size of 4 feet wide by 8 feet long. Color of the final product will much depend on the input material's looks. However we can color the board as made this way. Paper lamination too is possible on the board.

Can safely assume 10 Hours operation and average production of 3500 Kg per day and thus 1092 tons per year of 312 days. (26 days x 12 months). However, running the pant for more hours is no issue at all.

Main Equation:

Project Cost	40100000
Machinery	19100000
EB cost Deposit + Cables + panel + Misc costs	4500000
Building	4000000
Land (Assumed)	12500000
Total conversion cost per Kg	9.36
Material cost	15
Total Cost per Kg	24.36
Sales realization	Rs 40 to 45 per Kg
Profit possibility per year (If The plant is run for 10 Hours a day.)	Rs 1,70,78,000 to RS. 2,25,38,000

Raw Material:

Scrap of Tetra pack, laminated plastic of any form and any layers of lamination is welcome as long as it is LDPE / LLDPE / PP / HDPE. Printed/ un printed and / or any color material. And so availability fo the raw material here is no issue at all.

The best News is up to 15 % of (In the recipe mix), reversed printed 12 Micron BOPP/BOPET + 12 micron Aluminized BOPP/BOPET + LD/LLD 30 GSM/ 40 GSM Structure composite film scrap { The pouches of NAMKEEN / Bhujiya-Snacks } can be used and thus can prove a big relief to many advocators of environment.

And that makes this business the most Lucrative.

Final Product Applications:

Board for the partition, Table top, Cupboard Shutters, Kitchen Cabinets and ideal replacement of Plywood of any thickness as needed.

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