

Profit Analysis Report of Waste Plastic Pyrolysis Plant

Company:(RESEM)Ruixin Environmental Specialty Equipment Manufacturing Corporation.,Ltd

Money: USD

NO.	Item	Quantity	Unit	Economic Benefit Analysis	Note
I	Process scale				
1	volume of waste Plastic	10	t/day	10tons*350USD=3500USD	purchasing unit price:350USD/tons
2	catalyst	20	kg/day	20kg*3USD=60USD	purchasing unit price:3USD/kg
II	Energy consumption				
①	water	1	t/day	1t/day*0.6USD=3.5USD	industrial water :0.6USD/t
②	electricity	250	kw/day	250kw/day *0.15USD=37.5USD	industrial electricity 0.15USD kw/h
③	coal	0.6	t/day	0.6t*200USD=120USD	unit price of standard coal: 200USD/t
III	Workers	4	person/day	4person/day*30USD=120USD	worker:30USD/day
	total cost			3841USD	
IV	Product				
1	Fuel oil	6	t/day	10T*60%*1100USD=6600USD	Fuel oil price: 1100USD/t
2	carton black	3	t/day	10T*30%*350USD=1050USD	price: 350USD/t
3	petroleum gas	1	t/day		Used in system
	Total income			7650USD	
	Daily profit			7650USD-3841USD=3809USD	
	Monthly profit			3809USD*25day=95225USD	
	Annual profit			95225USD*10month=952250USD	
*Notice	Commercial benefit based on Chinese market excluding the cost of equipment amortization and management. It is supposed to the plant running 25days per monthand 10months per year.				