

Cost Calculation Template

Example of 23 Density

Raw-materials	Kgs (a)	Rate per kg b	AMOUNT a X b
<i>Polyol</i>	100		
<i>TDI 80/20</i>	47		
<i>Methylene Chloride</i>	3.6		
<i>Water</i>	2.98		
<i>Silicone</i>	0.92		
<i>S.O.</i>	0.21		
<i>Amine</i>	0.24		
<i>Colors</i>	0.3		
<i>Total Weight</i>	155.25	Total Amount	X
<i>Gas loss (10%) Assumption</i>	15.55		
<i>Net Weight</i>	139.7		
<i>Less Skin etc.</i>	19.7		
<i>First Quality Foam</i>	120		
<i>Rate per Kg</i>			X/120

Note:

1. It has been assumed here that the gas loss is 10%, but it may vary depending upon conditions from 5 to 12%.
2. The weight of the skins of the foam block has been subtracted here but one can sell them at reduced prices thereby increasing the final profit of the company.
3. One mattress of 100 X 1000 X 2000 mm has Volume of 0.2 metre cube, therefore its weight will be 0.2 X 23 Density = 4.6kg