

Benchmark in Vietnam

Weaving

Products	Yarn, ton/ton		Size, kg/ton sized yarn		Steam, ton/ton sized yarn		Electric,
	from	to	from	to	from	to	from
Overall	1,002	1,15	105	350	0,9	3,5	200
Woven	1,02	1,15	105	350	0,9	3,5	200
Woven fabric	1,02	1,04	150	185	2,9	3,5	900
Denim	1,02	1,04	105	120	0,9	1,0	200
Woven towels	1,1	1,15	330	350	2,9	3,5	850
Knitted	1,002	1,01	-	-	-	-	850

Note:

Yarn

Diffirent type of yarns can be used for weaving, such as cotton, Pe/Co, Pe (filament), Viscose (filament), silk, wool...

Size

Depending on the requirement of fabric that the wrap thread can be sized.

Size consumption and steam are calculated based on quantity of yarn, not final product

Steam

Steam is used only when sizing is applicable. Steam is provided through fuel or coal fired boiler

Average convert factor from steam to fuel (depending on the efficiency of boiler):

1 ton coal ~ 6 ton steam (10Bar)
 1 ton Fuel Oil ~ 13 ton steam (10 Bar)

Electric

Electric is used for runing machinery in weaving process, lighting

kwh/ton
to
1850
1800
1200
300
1800
1850