La siguiente información corresponde a la fabricación de una silla. Programe con MRP las 10 semanas. Las técnicas de dimensionado de lote son, producto final y subensambles (P, A y B), lote a lote. Parte C múltiplos de 5 unidades, y D múltiplos de 4 unidades.



Paso 1 : Determine PPL para el producto final

| Ítem | SS | TS | Concepto | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Producto final | 10 | 1 | NB |  |  |  | 55 | 60 | 45 | 58 | 57 | 54 | 53 | 56 |
|  |  |  | PP |  | 50 |  |  |  |  |  |  |  |  |  |
|  |  |  | RP |  | 60 |  |  |  |  |  |  |  |  |  |
|  |  |  | Disp. | 20 | 20 | 30 | 30 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|  |  |  | NN |  |  |  | 35 | 60 | 45 | 58 | 57 | 54 | 53 | 56 |
|  |  |  | RPP |  |  |  | 35 | 60 | 45 | 58 | 57 | 54 | 53 | 56 |
|  |  |  | CPP |  |  | 35 | 60 | 45 | 58 | 57 | 54 | 53 | 56 |  |

Paso 2 Determine PPL para los componentes:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CPP Producto | | | |  |  | 35 | 75 | 45 | 60 | 55 | 55 | 55 | 50 |  |
| Ítem | SS | TS | Concepto | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Subconjunto A |  | 1 | NB |  |  | 70 | 120 | 90 | 116 | 114 | 108 | 106 | 112 |  |
|  |  |  | RP |  |  | 30 |  |  |  |  |  |  |  |  |
|  |  |  | Disp. | 15 | 15 | 15 |  |  |  |  |  |  |  |  |
|  |  |  | NN |  |  | 25 | 120 | 90 | 116 | 114 | 108 | 106 | 112 |  |
|  |  |  | RPP |  |  | 25 | 120 | 90 | 116 | 114 | 108 | 106 | 112 |  |
|  |  |  | CPP |  | 25 | 120 | 90 | 116 | 114 | 108 | 106 | 112 |  |  |
| Subconjunto B |  | 1 | NB |  |  | 35 | 60 | 45 | 58 | 57 | 54 | 53 | 56 |  |
|  |  |  | RP |  |  | 60 |  |  |  |  |  |  |  |  |
|  |  |  | Disp. | 30 | 30 | 30 | 55 |  |  |  |  |  |  |  |
|  |  |  | NN |  |  |  | 5 | 45 | 58 | 57 | 54 | 53 | 56 |  |
|  |  |  | RPP |  |  |  | 5 | 45 | 58 | 57 | 54 | 53 | 56 |  |
|  |  |  | CPP |  |  | 5 | 45 | 58 | 57 | 54 | 53 | 56 |  |  |
| Parte C |  | 2 | NB |  | 75 | 370 | 360 | 464 | 456 | 432 | 424 | 448 |  |  |
|  |  |  | RP |  | 100 |  |  |  |  |  |  |  |  |  |
|  |  |  | Disp. | 500 | 500 | 525 | 155 |  | 1 |  | 3 | 4 | 1 |  |
|  |  |  | NN |  |  |  | 205 | 464 | 455 | 432 | 421 | 444 |  |  |
|  |  |  | RPP |  |  |  | 205 | 465 |  | 435 | 425 | 445 |  |  |
|  |  |  | PPL |  | 205 | 465 | 455 | 435 | 425 | 445 |  |  |  |  |
| Parte D |  | 2 | NB |  |  | 25 | 235 | 290 | 285 | 270 | 265 | 280 |  |  |
|  |  |  | RP |  |  | 200 |  |  |  |  |  |  |  |  |
|  |  |  | Disp. | 30 | 30 | 30 | 205 | 2 |  | 3 | 1 |  |  |  |
|  |  |  | NN |  |  |  | 30 | 288 | 285 | 267 | 264 | 280 |  |  |
|  |  |  | RPP |  |  |  | 32 | 288 | 288 | 268 | 264 | 280 |  |  |
|  |  |  | PPL |  | 32 | 288 | 288 | 268 | 264 | 280 |  |  |  |  |