|  |  |  |
| --- | --- | --- |
| **P**ATM = | **101325**  | Pa |
| ** OXIGENO =** | **1,43**  | kg /m3 |
| ** AIRE =** | **1,29**  | kg /m3 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| D HE | **90,0**  | cm | 0,9000  | m |
|  |  |  | 0,381704  | m3 (VOXIGENO) |
|  |  |  | 0,5458  | kg (mOXIGENO) |
|  |  |  | 5,3492  | N (wOXIGENO) |
|  |  |  | 4,825496  | N (E/OXIGENO) |
| m GLOGO | **120,0**  | gr | 1,1760  | N |
|  | T = WGLOBO + WOXIGENO - E/OXIGENO |
|  |  | **T** | **1,6997**  | **N** |

|  |  |  |
| --- | --- | --- |
| **c** PLOMO = | **0,0310** | cal /gr-ºC |
| **L*f***PLOMO = | **6,30** | cal /gr |
| **L*V***PLOMO = | **222,00** | cal /gr |
| Punto de fusión = | **620** | ºF |
| Punto de vaporización = | **3171** | ºF |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| m | **13** | kg | 13.000,0000  | gr |
| Tf | **620** | ºF | 326,6667  | ºC |
| T1 | **320** | ºF | 160,0000  | ºC |
|  | Q = m \*(cPLOMO \*(Tf -T1) +L*f* PLOMO )/1000 |
|  |  | ** Q** | **149,0667**  | **kcal** |

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| --- | --- | --- |
| **P**ATM = | **101325**  | Pa |
| ** AIRE =** | **1,29**  | kg /m3 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Diám. | **0,05**  | m | 0,0020  | m2 (A) |
| mEMB | **3,0**  | kg | 29,4000  | N (WEMB) |
| mADIC | **12,0**  | kg | 117,6000  | N (WADIC) |
| h1 | **0,40**  | m | 0,0008  | m3 (Vol) |
| T1 | **40,0**  | ºC | 313,00  | ºK |
| T2 | **5,0**  | ºC | 278,0000  | ºK |
|  |  | **P1** | **176.191,4852**  | **Pa** |
|  |  | **P2** | **116.298,2970**  | **Pa** |
|  | h2 = h1\*P1\*T2 /(T1\*P2)\*100 |  |
|  |  | **h2** | **53,8235**  | **cm** |

|  |  |  |
| --- | --- | --- |
| **VIDRIO** |  |  |
| **c** VIDRIO = | **0,1600**  | cal /gr-ºC |
| **** VIDRIO =. | **2,6000**  | gr /cm3 |
| **AGUA FRIA** |  |  |
| **c** AGUA F. = | **1,0000**  | cal /gr-ºC |
| **** AGUA F = | **1,0000**  | gr /cm3 |
| **AGUA C.** |  |  |
| **c** AGUA C. = | **1,0000**  | cal /gr-ºC |
| **** AGUA C. = | **1,0000**  | gr /cm3 |
| **P.ebullición** AGUA =. | **100,00**  | ºC |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| mVIDRIO | **800,0**  | gr |  |  |
| vAGUA | **1,0**  | Lt | 1.000,0000  | gr |
| T1 | **21,0**  | ºC |  |  |
| VolAGUA C. | **700,0**  | cm3 | 700,0000  | gr |
| T2 | **95,0**  | ºC |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
| T3 = (T1\*(mVIDRIO \*cVIDRIO  +mAGUA F\*cAGUA F ) +mAGUA C. \*cAGUA C. \*T2)/ |   |  |  |   |
|   | (mVIDRIO \*cVIDRIO  +mAGUA F\*cAGUA F +mAGUA C. \*cAGUA C. ) |
|  |  | **T3** | **49,3370**  | **ºC** |