TABLE IL—Realspecific Gravities at the different Temperatures.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Heat. | The pure ſpirit. | 100 prains of ſpirit to  5 grains of water. | too grains if ſpirit to 10 grains of water. | 100 grains of ſpirit to 15 grains of water. | ■ 00 grain? of ſpirit to to grains of water.  ♦. | 100 grain1 >f ſj iri∙t tc 25 grains of water. | IGO grains of ſpirit to 30 grains of water. | 100 grains of ſpirit tc  35 grains of water. | ∣oo grains of ſpirit to 40 grains of wacer. | 100 grains of ſpirit to 45 grains oſ water. | iso grains of ſpirit tc 50 grains of water. | too grain.- of ſpirit to 5⅛ grains of water. | ιoo grains of ſpirit to 60 grains of water. | ιoo gιaιj  of ſpirit 1  65 grain  oſ water |
| deg. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30 | ,83896 | ,84995 | >85957 | ,86825 | >8758; | ,88282 | ,8892i | ,895il | ,9OO54 | ,90558 | ,9iθ23 | ,9¼49 | ,9\*847 | ,922Γ |
| 35 | ,83672 | ,84769 | ,8.5729 | ,86587 | ,87357 | ,88059 | ,887OI | ,89294 | ,89839 | ,9°345 | ,908 I 1 | ,9i24i | ,91640 | ,9200< |
| 40 | »83445 | »84539 | ,855o7 | ,8636l | ,87134 | ,87838 | ,8848 1 | ,89e73 | ,89617 | ,90127 | ,90596 | ,91026 | ,91428 | ,9\* 79' |
| 45 | ,83214 | ,843iO | ,85277 | ,86i3i | ,86907 | ,87613 | ,88255 | ,88849 | ,89396 | ,89909 | ,90380 | ,90812 | ,912 I I | >9\*58 |
| 5° | ,82977 | ,84076 | ,85042 | ,85902 | ,86676 | ,87384 | ,88030 | ,88626 | ,89174 | ,89684 | ,90160 | ,90596 | ,9-997 | >9\*37< |
| 55 | ,82736 | »83834 | ,84802 | ,85664 | ,8644i | ,87150 | ,87796 | ,88393 | ,88945 | ,89458 | ,89933 | ,90367 | ,90768 | ,9114. |
| 60 | ,82500 | »83599 | ,84568 | ,85430 | ,86208 | ,86918 | ,87568 | ,88169 | ,88720 | ,89232 | ,89707 | >90144 | ,90549 | ,9092, |
| 65 | ,82262 | ,83362 | ,84334 | ,85193 | ,85976 | ,86686 | ,87337 | >87938 | ,88490 | ,89c06 | ,89479 | ,89920 | ,90328 | ,9070' |
| 70 | ,82023 | ,83124 | ,84092 | ,84951 | ,85736 | ,86451 | ,87105 | ,87705 | ,88454 | >88773 | ,89252 | ,896⅛5 | ,90104 | ,9048, |
| 75 | ,81780 | ,82878 | ,83851 | ,8471® | ,85493 | ,86212 | ,86864 | ,87466 | ,88018 | ,88538 | ,89018 | ,89464 | ,89872 | ,9025 |
| 80 | >8153° | ,8263 1 | ,83603 | ,84467 | ,85248 | ,85966 | ,86623 | ,87228 | ,87776 | ,88301 | ,88781 | ,8922 Ç | >89639 | ,9002 |
| 85 | ,81283 | ,82386 | >83355 | ,84221 | ,85006 | >85723 | ,86380 | ,86984 | >8754l | ,88067 | ,88551 | ,88998 | ,89409 | ,8979 |
| 90 | ,81039 | ,82142 | .83m | ,83977 | ,84762 | ,85483 | ,86139 | ,86743 | ,87302 | ,87827 | ,883(2 | ,88758 | >89\*73 | >8955 |
| 95 | ,80788 | ,81888 | ,82860 | ,83724 | ,84511 | >85232 | ,85896 | ,86499 | ,87060 | ,87586 | ,88θ69 | ,8852i | ’88937 | ’8932 |
| 100 | ,80543 | ,81643 | ,82618 | ,83478 | ,84262 | ,84984 | ,85646 | ,86254 | ,86813 | ,87340 | ,87824 | ,88271 | ,88691 | ,8908 |
| Heat | 100 grain of ſpirit tc 70 grains of water. | ιoθ grain of ſpirit t< 75 grains of water. | 100 grains of ſpirit tc 80 grains of water. | too grains of ſpirit tt 85 grains of water. | 100 grain oſ ſpirit tc  90 grains of water | too grains of ſpirit t( 95 grains of water. | too grains of ſpirit to too grains of water. | 95 grains of ſpirit to *too* grains of water. | 90 grains of ſpirit to too grains of water. | 85 grains of ſpirit to ιoo grain> of water. | 80 grains of ſpirit to 100 grains of water. | 75 grains of ſpirit tc cαo grains of water. | 70 grains oſſpirit to 100 grain .- of water. | —  65 grab of ſpirit 100 grail of wateι |
| deg. | \* |  |  |  |  |  |  |  |  |  |  |  |  | — |
| 30 | ,92563 | ,92889 | >93191 | >93474 | ,93741 | ,93991 | ,94222 | >94447 | ,94675 | >9492° | ,95173 | ,95429 | ,9568l | ,9594· |
| 35 | »92355 | ,92680 | ,92986 | >93274 | >9354l | ,9379o | ,94025 | ,94249 | ,94484 | >94734 | ,94988 | ,95246 | >955°2 | ,0 ί 77 |
| 40 | ,9215l | ■,92476 | 592783 | ,93072 | ,9334i | >93592 | ,93827 | ,94058 | >94295 | ,94547 | ,94802 | ,95060 | >9532δ | ,956θ! |
| 45 | »9 ί 937 | ,92264 | ,92570 | ,92859 | ,93131 | ,93382 | ,93621 | >9386θ | ,94096 | ,94348 | ,94605 | >9487\* | ∙.95\*43 | ,9542i |
| 50 | >9l723 | ,92050 | >92358 | ,92647 | ,92919 | ,93i77 | >934\*9 | ,93658 | ,93897 | ,94M9 | ,94414 | ,94683 | ’94958 | ,95241 |
| 55 | ,915∙02 | >9\*837 | ,92145 | ,9 2 43 6 | ,92707 | ,92963 | ,93208 | >93452 | ,93696 | ,93948 | ,942\*3 | ,94486 | ’94767 | ,oςoς, |
| 60 | ,91287 | ,91622 | >9i933 | ,92225 | >92499 | ,92758 | ,93002 | ,93247 | >93493 | >93749 | ,94018 | ,94296 | ,94579 | ,04.871 |
| 65 | ,91066 | ,91400 | >91715 | ,92010 | ,92283 | ,92546 | ,92794 | ,93040 | ,93285 | ’93546 | ,93822 | >94°99 | ,94388 | ,qi68( |
| 70 | ,90847 | ,91181 | >91493 | ,9’793 | ,92069 | ,92333 | ,92580 | ,92828 | ,93076 | ,93337 | >936\*6 | ,93898 | ,94\*93 | ,9450c |
| 75 | ,90617 | ,90952 | ,91270 | ,91569 | ,91849 | ,9211 I | ,92364 | ,92613 | ,92865 | ,93\*32 | ,934i3 | ,93695 | ,93989 | ,94301 |
| 80 | ,9o385 | >9°723 | ,91042 | ,9i34θ | ,91622 | ,91891 | ,92i42 | >92393 | ,92646 | ,929\*7 | ,932oι | ,93488 | >93785 | ,94102 |
| 85 | >9oi57 | ,90496 | ,90818 | ,91119 | ,91403 | ,91670 | ,91923 | ,92179 | ,92432 | ,92700 | ,92989 | ,93282 | ’93582 | >9390i |
| 90 | ,89927 | ,90270 | ,90590 | ,90891 | ,91177 | ,91446 | ,9i705 | ,91962 | ,92220 | ,92491 | >92779 | ,93°75 | ,9338ι | ,Q27O1 |
| 95 | ,89688 | ,90037 | ,9o358 | ,9c662 | ,90949 | ,91221 | ,9i48l | >9174° | ,91998 | ,92272 | ,92562 | ,928ς8 | ,93\*70 | ,Q34-Q\*7 |
| 100 | ’89453 | ,89798 | ,90123 | ,90428 | ,90718 | ,90992 | ,91252 | >915\*3 | ,91769 | ,92047 | >92346 | ,92646 | ,92957 | ,9329; |
| Heat | 6e grains of ſpirit tc 100 grain of water. | 55 grams of ſpirit t< 100 grain of water. | 50 graine ) of ſpirit tc  100 grain  of water. | 45 grain.- of ſpirit tc ιθo grain; of water. | 40 grains of ſpirit tc 100 grain of water. | 35 grains of ſpirit tc 100 grain of water. | 30 grains )f ſpirit to 100 grains of water. | 25 grains )f ſpiritto ιoo grain; of water. | 20 grains of ſpirit to 100 graiι.> oſ wateι. | 15 grains of ſpirit to ιto grams of water. | 10 grains >f ſpirit to OG grains of water. | 5 grains  4 ſpirit t< 0© grains of water. | Water. |  |
| deg. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30 | ,962Θ9 | ,96470 | ,96719 | ,96967 | ,97200 | ,974\*8 | ,97635 | ,97860 | ,98lθ8 | ,98412 | ,98804 | >99334 |  |  |
| 35 | ,96048 | >963 Π | >9^579 | ,96840 | ,97©86 | >973\*9 | ,97556 | ,97801 | ,98076 | ,98397 | ,98804 | >99344 | ,00090 |  |
| 40 | >958/9 | ,96159 | >96434 | ,96706 | ,96967 | ,97220 | ,97472 | >97737 | ,98033 | >98373 | ,98795 | >99345 1 | ,OOO94 |  |
| 45 | >957°5 | »95993 | ,96280 | ,96563 | ,96840 | ,97110 | ,97384 | ,97666 | ,97980 | ,98338 | ,98774 | ,99338 I | ,OOθ86 |  |
| 50 | >95534 | ,9583i | ,961 26 | ,96420 | ,96708 | ,96995 | ,97284 | ,97589 | ,97920 | ,98293 | >98745 | ,99316 I | ,OOO68 |  |
| 55 | ,95357 | ,95662 | ,95966 | ,96272 | ,96575 | ,96877 | 597i8l | ,975°c | ,97847 | ,98239 | ,98702 | 99284 I | ,OOO38 |  |
| 60 | ,95181 | >95493 | ,95804 | ,96122 | ,96437 | ,96752 | ,97074 | ,97409 | »97771 | ,98176 | ,98654 | 99244 I | ,OOOOO |  |
| 65 | ,95000 | >953i8 | >95635 | ,95962 | ,96288 | ,96620 | ,96959 | >973o9 | ,97688 | ,98lθ6 | ,98594 | 99194 | ,9995° |  |
| 70 | ,94813 | ,95\*39 | ,95469 | ,95802 | ,96143 | ,96484 | ,96836 | ,97203 | ,97596 | ,98028 | 98527 | 99\*34 | >99894 |  |
| 75 | ,94623 | >94957 | ,95292 | >95638 | ,95987 | ,96344 | ,96\*708 | ,97086 | >97495 | ,97943 | ,98454 | 99066 | ,99830 |  |
| 80 | >94+31 | ,94768 | ,951 II | ,95467 | ,95826 | ,96192 | ,96568 | ,96963 | ,973δ15 | ,97845 | >98367 | 98991 | >99759 |  |
| 85 | ,94236 | >94579 | >94'932 | ,95297 | ,95667 | ,96046 | ,96437 | ,96843 | ,97271 | >97744 | ,98281 | 98912 | ,99681 |  |
| 90 | ,94042 | ,94389 | >94748 | ,95123 | ,95502 | ,95889 | ,96293 | ,96711 | ,97\*53 | ,97637 | q8>8ς | 98824 | ,99598 |  |
| 95 | »93839 | ,94196 | ,94563] | ,94944 | >95328 | ,95727 | ,96l39 | ,96568 | ,97025 | ,97523 | 98082 | 98729 | ,99502 |  |
| IjOO | >93638 | »93999 | ,94368 | ,94759 | >95,52 | >95556 | ,95983 | ,96424 | ,96895 | ,974OI | 97969 | >98625 | ,99402 |  |