

Specific gravities of pulps containing solids of the following different specific gravities

| Weight per cent solids | Weight ratio of solids to solution | Specific gravities of pulps containing solids of the following different specific gravities | | | | | | | | | |
|------------------------|------------------------------------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | 2.50 | 2.70 | 2.90 | 3.10 | 3.30 | 3.50 | 3.80 | 4.20 | 4.60 | 5.00 |
| | | sp gr | sp gr | sp gr | sp gr | sp gr | sp gr | sp gr | sp gr | sp gr | sp gr |
| 5 | 1:19.000 | 1.031 | 1.032 | 1.034 | 1.035 | 1.036 | 1.037 | 1.038 | 1.040 | 1.041 | 1.042 |
| 6 | 1:15.667 | 1.037 | 1.039 | 1.041 | 1.042 | 1.043 | 1.045 | 1.046 | 1.048 | 1.049 | 1.050 |
| 7 | 1:13.286 | 1.044 | 1.046 | 1.048 | 1.049 | 1.051 | 1.053 | 1.054 | 1.056 | 1.058 | 1.059 |
| 8 | 1:11.500 | 1.050 | 1.053 | 1.055 | 1.057 | 1.059 | 1.061 | 1.063 | 1.065 | 1.067 | 1.068 |
| 9 | 1:10.111 | 1.057 | 1.060 | 1.063 | 1.065 | 1.067 | 1.069 | 1.071 | 1.074 | 1.076 | 1.078 |
| 10 | 1: 9.000 | 1.064 | 1.067 | 1.070 | 1.072 | 1.075 | 1.077 | 1.080 | 1.082 | 1.085 | 1.087 |
| 11 | 1: 8.091 | 1.071 | 1.074 | 1.078 | 1.080 | 1.083 | 1.085 | 1.088 | 1.091 | 1.094 | 1.096 |
| 12 | 1: 7.333 | 1.078 | 1.082 | 1.085 | 1.088 | 1.091 | 1.094 | 1.097 | 1.101 | 1.104 | 1.106 |
| 13 | 1: 6.692 | 1.085 | 1.089 | 1.093 | 1.096 | 1.099 | 1.102 | 1.106 | 1.110 | 1.113 | 1.116 |
| 14 | 1: 6.144 | 1.092 | 1.097 | 1.101 | 1.105 | 1.108 | 1.111 | 1.115 | 1.119 | 1.123 | 1.126 |
| 15 | 1: 5.667 | 1.099 | 1.104 | 1.109 | 1.113 | 1.117 | 1.120 | 1.124 | 1.129 | 1.133 | 1.136 |
| 16 | 1: 5.250 | 1.106 | 1.112 | 1.117 | 1.122 | 1.125 | 1.129 | 1.134 | 1.139 | 1.143 | 1.147 |
| 17 | 1: 4.882 | 1.114 | 1.119 | 1.125 | 1.130 | 1.134 | 1.138 | 1.143 | 1.149 | 1.153 | 1.157 |
| 18 | 1: 4.556 | 1.121 | 1.128 | 1.134 | 1.139 | 1.143 | 1.148 | 1.153 | 1.159 | 1.164 | 1.168 |
| 19 | 1: 4.263 | 1.129 | 1.136 | 1.142 | 1.148 | 1.153 | 1.157 | 1.163 | 1.169 | 1.175 | 1.179 |
| 20 | 1: 4.000 | 1.136 | 1.144 | 1.151 | 1.157 | 1.162 | 1.167 | 1.173 | 1.180 | 1.186 | 1.190 |
| 21 | 1: 3.762 | 1.144 | 1.152 | 1.159 | 1.166 | 1.171 | 1.176 | 1.183 | 1.190 | 1.197 | 1.202 |
| 22 | 1: 3.545 | 1.152 | 1.161 | 1.168 | 1.175 | 1.181 | 1.186 | 1.193 | 1.201 | 1.208 | 1.214 |
| 23 | 1: 3.348 | 1.160 | 1.169 | 1.177 | 1.184 | 1.191 | 1.197 | 1.204 | 1.212 | 1.220 | 1.225 |
| 24 | 1: 3.167 | 1.168 | 1.178 | 1.186 | 1.194 | 1.201 | 1.207 | 1.215 | 1.224 | 1.231 | 1.238 |
| 25 | 1: 3.000 | 1.176 | 1.187 | 1.195 | 1.204 | 1.211 | 1.217 | 1.226 | 1.235 | 1.243 | 1.250 |
| 26 | 1: 2.846 | 1.185 | 1.195 | 1.205 | 1.214 | 1.222 | 1.228 | 1.237 | 1.247 | 1.255 | 1.263 |
| 27 | 1: 2.704 | 1.193 | 1.205 | 1.215 | 1.224 | 1.232 | 1.239 | 1.248 | 1.259 | 1.268 | 1.279 |
| 28 | 1: 2.571 | 1.202 | 1.214 | 1.224 | 1.234 | 1.242 | 1.250 | 1.260 | 1.271 | 1.281 | 1.289 |
| 29 | 1: 2.448 | 1.211 | 1.223 | 1.234 | 1.244 | 1.253 | 1.261 | 1.272 | 1.284 | 1.294 | 1.302 |
| 30 | 1: 2.333 | 1.220 | 1.233 | 1.244 | 1.255 | 1.264 | 1.273 | 1.284 | 1.296 | 1.307 | 1.316 |
| 31 | 1: 2.226 | 1.229 | 1.242 | 1.255 | 1.266 | 1.275 | 1.284 | 1.296 | 1.309 | 1.320 | 1.330 |
| 32 | 1: 2.125 | 1.238 | 1.252 | 1.265 | 1.277 | 1.287 | 1.296 | 1.309 | 1.322 | 1.344 | 1.344 |
| 33 | 1: 2.303 | 1.247 | 1.262 | 1.276 | 1.288 | 1.299 | 1.308 | 1.321 | 1.336 | 1.348 | 1.359 |
| 34 | 1: 1.941 | 1.256 | 1.272 | 1.287 | 1.299 | 1.311 | 1.321 | 1.334 | 1.350 | 1.363 | 1.374 |
| 35 | 1: 1.857 | 1.266 | 1.283 | 1.298 | 1.310 | 1.323 | 1.333 | 1.348 | 1.364 | 1.377 | 1.389 |
| 36 | 1: 1.778 | 1.276 | 1.293 | 1.309 | 1.322 | 1.335 | 1.346 | 1.361 | 1.378 | 1.392 | 1.404 |
| 37 | 1: 1.703 | 1.285 | 1.304 | 1.320 | 1.334 | 1.347 | 1.359 | 1.375 | 1.393 | 1.408 | 1.420 |
| 38 | 1: 1.632 | 1.295 | 1.314 | 1.332 | 1.346 | 1.360 | 1.373 | 1.389 | 1.408 | 1.423 | 1.437 |
| 39 | 1: 1.564 | 1.305 | 1.326 | 1.343 | 1.358 | 1.373 | 1.386 | 1.403 | 1.423 | 1.439 | 1.453 |

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| | | 2.50 | 2.70 | 2.90 | 3.10 | 3.30 | 3.50 | 3.80 | 4.20 | 4.60 | 5.00 |
| | | sp gr | sp gr | sp gr | sp gr | sp gr | sp gr | sp gr | sp gr | sp gr | sp gr |
| 40 | 1:1.500 | 1.316 | 1.336 | 1.355 | 1.371 | 1.387 | 1.400 | 1.418 | 1.438 | 1.456 | 1.471 |
| 41 | 1: 1.439 | 1.326 | 1.348 | 1.367 | 1.384 | 1.400 | 1.414 | 1.433 | 1.454 | 1.472 | 1.488 |
| 42 | 1: 1.381 | 1.337 | 1.359 | 1.380 | 1.396 | 1.414 | 1.429 | 1.448 | 1.471 | 1.490 | 1.506 |
| 43 | 1: 1.326 | 1.348 | 1.371 | 1.392 | 1.411 | 1.428 | 1.443 | 1.464 | 1.487 | 1.507 | 1.524 |
| 44 | 1: 1.273 | 1.359 | 1.383 | 1.405 | 1.425 | 1.442 | 1.458 | 1.480 | 1.504 | 1.525 | 1.543 |
| 45 | 1: 1.222 | 1.370 | 1.395 | 1.418 | 1.438 | 1.456 | 1.474 | 1.496 | 1.522 | 1.544 | 1.563 |
| 46 | 1: 1.174 | 1.381 | 1.408 | 1.432 | 1.452 | 1.471 | 1.489 | 1.513 | 1.540 | 1.563 | 1.582 |
| 47 | 1: 1.128 | 1.393 | 1.420 | 1.445 | 1.467 | 1.487 | 1.505 | 1.530 | 1.558 | 1.582 | 1.603 |
| 48 | 1: 1.083 | 1.404 | 1.433 | 1.458 | 1.483 | 1.503 | 1.522 | 1.547 | 1.577 | 1.602 | 1.623 |
| 49 | 1: 1.041 | 1.416 | 1.446 | 1.473 | 1.497 | 1.519 | 1.538 | 1.565 | 1.596 | 1.622 | 1.645 |
| 50 | 1: 1.000 | 1.429 | 1.460 | 1.487 | 1.512 | 1.535 | 1.556 | 1.583 | 1.615 | 1.643 | 1.667 |
| 51 | 1: 0.961 | 1.441 | 1.473 | 1.502 | 1.528 | 1.551 | 1.573 | 1.602 | 1.636 | 1.664 | 1.689 |
| 52 | 1: 0.923 | 1.453 | 1.487 | 1.517 | 1.544 | 1.568 | 1.591 | 1.621 | 1.656 | 1.686 | 1.712 |
| 53 | 1: 0.887 | 1.466 | 1.501 | 1.532 | 1.560 | 1.585 | 1.609 | 1.641 | 1.677 | 1.709 | 1.736 |
| 54 | 1: 0.852 | 1.479 | 1.515 | 1.548 | 1.577 | 1.603 | 1.628 | 1.661 | 1.699 | 1.732 | 1.761 |
| 55 | 1: 0.818 | 1.493 | 1.530 | 1.564 | 1.594 | 1.621 | 1.647 | 1.681 | 1.721 | 1.756 | 1.786 |
| 56 | 1: 0.786 | 1.506 | 1.545 | 1.580 | 1.611 | 1.640 | 1.667 | 1.703 | 1.744 | 1.780 | 1.812 |
| 57 | 1: 0.754 | 1.520 | 1.560 | 1.596 | 1.628 | 1.659 | 1.687 | 1.724 | 1.768 | 1.805 | 1.838 |
| 58 | 1: 0.724 | 1.534 | 1.574 | 1.613 | 1.646 | 1.678 | 1.707 | 1.746 | 1.792 | 1.831 | 1.866 |
| 59 | 1: 0.695 | 1.548 | 1.591 | 1.629 | 1.665 | 1.697 | 1.728 | 1.769 | 1.817 | 1.858 | 1.894 |
| 60 | 1: 0.667 | 1.563 | 1.607 | 1.645 | 1.684 | 1.718 | 1.750 | 1.792 | 1.842 | 1.885 | 1.923 |
| 61 | 1: 0.639 | 1.577 | 1.623 | 1.664 | 1.704 | 1.739 | 1.772 | 1.816 | 1.868 | 1.913 | 1.953 |
| 62 | 1: 0.613 | 1.592 | 1.641 | 1.683 | 1.724 | 1.761 | 1.795 | 1.841 | 1.895 | 1.943 | 1.984 |
| 63 | 1: 0.587 | 1.608 | 1.657 | 1.703 | 1.745 | 1.783 | 1.818 | 1.866 | 1.923 | 1.973 | 2.016 |
| 64 | 1: 0.563 | 1.623 | 1.675 | 1.723 | 1.765 | 1.805 | 1.842 | 1.892 | 1.952 | 2.003 | 2.049 |
| 65 | 1: 0.538 | 1.639 | 1.692 | 1.742 | 1.786 | 1.828 | 1.867 | 1.919 | 1.981 | 2.035 | 2.083 |
| 66 | 1: 0.515 | 1.656 | 1.711 | 1.762 | 1.808 | 1.852 | 1.892 | 1.947 | 2.011 | 2.068 | 2.119 |
| 67 | 1: 0.493 | 1.672 | 1.730 | 1.783 | 1.831 | 1.876 | 1.918 | 1.975 | 2.043 | 2.102 | 2.155 |
| 68 | 1: 0.471 | 1.689 | 1.749 | 1.803 | 1.854 | 1.901 | 1.944 | 2.004 | 2.075 | 2.138 | 2.193 |
| 69 | 1: 0.449 | 1.706 | 1.768 | 1.825 | 1.878 | 1.927 | 1.972 | 2.034 | 2.108 | 2.174 | 2.232 |
| 70 | 1: 0.429 | 1.724 | 1.786 | 1.847 | 1.902 | 1.954 | 2.000 | 2.065 | 2.143 | 2.212 | 2.273 |