**消泡剂、引气剂对混凝土性能的影响**

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| **编号** | **消泡剂**  **（‰）** | **引气剂**  **（‰）** | **混凝土坍落度（mm** | | | | **混凝土强度（MPa）** |
| 0h | 1h | 2h | 坍损（2h） | 7d |
| A1  A2  A3  A4  A5 | 0 | 0  1  2  3  4 | 210  210  215  230  240 | 115  135  185  220  230 | 95  120  160  215  230 | 115  90  55  15  10 | 35.8  34.4  32.9  31.5  30.6 |
| A6  A7  A8  A9  A10 | 1 | 0  1  2  3  4 | 195  205  210  225  230 | 110  135  170  220  225 | 7  105  160  215  220 | 120  100  50  10  10 | 37.4  37.0  36.7  34.1  32.2 |
| A11  A12  A13  A14  A15 | 2 | 0  1  2  3  4 | 180  185  205  220  225 | 100  130  165  220  225 | 66  95  150  215  220 | 115  90  55  5  5 | 39.6  39.2  38.5  38.1  35.9 |
| A16  A17  A18  A19  A20 | 3 | 0  1  2  3  4 | 150  160  175  190  195 | 85  120  150  185  185 | 40  75  130  160  170 | 110  85  45  30  25 | 41.3  40.2  39.6  38.8  36.5 |

