



1.???? ?1-3????30Mpa??????2.??? ???3. ??? ?????  
??4. ??? ?????30????10%????????????  
???????? 5. ??? 200????50????????????6. ????? -40?600????7. ????? ?????????????-  
???????????????? 1?  
???? ?????????????????????????????????????24h????????????1h????????2? ?????? ??????  
????????????????????CGM????????????????"????"????????????????????????????????????  
????????????????????"????"?"????"????????????????????3?  
?? ?????????????????????????????????50mm????????4? ?????? ??????  
????????????????5?40????????????????1?2????????2/3????2?  
????????????,????12%-14%?5? ?????? ?1?.????????????  
???????????? ?2?.???????????? ?3?.????????????  
???????????? ?4?.????100mm? ?5?.????10m??? ?6?.????  
????????CGM???? ?7????1000mm????1?1?0.5mm????  
???????? ?8?.???? ?9?.????  
???????? ?10????100mm???? ?11???? ?12????  
???????? 6??? ?1????30??,????????,????????  
?2????,????????(GB50204)???? ?3????  
?h? ?????d? ?10?0 96 14 0?5 72 10 5?15 48 7 ?15 24 7