

### Supplementary Information

Fig. 1. Percentage microbial reduction as a function of time for 5% (o.w.f.) ferrous sulfate mordanted woolen yarn

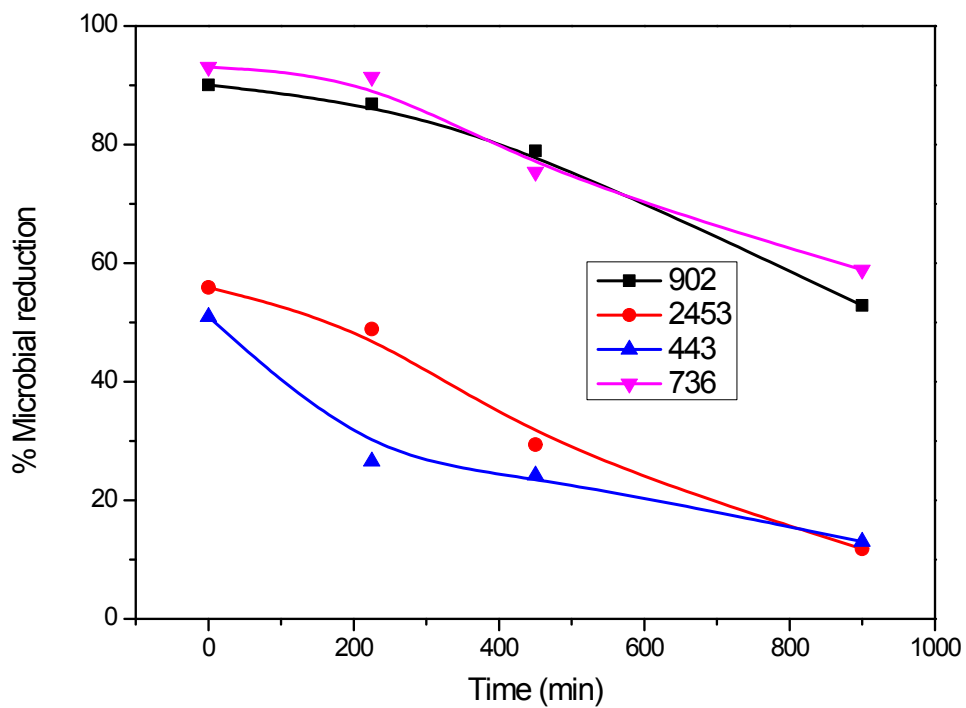


Fig. 2. Percentage microbial reduction as a function of time for 1% (o.w.f.) stannous chloride mordanted woolen yarn

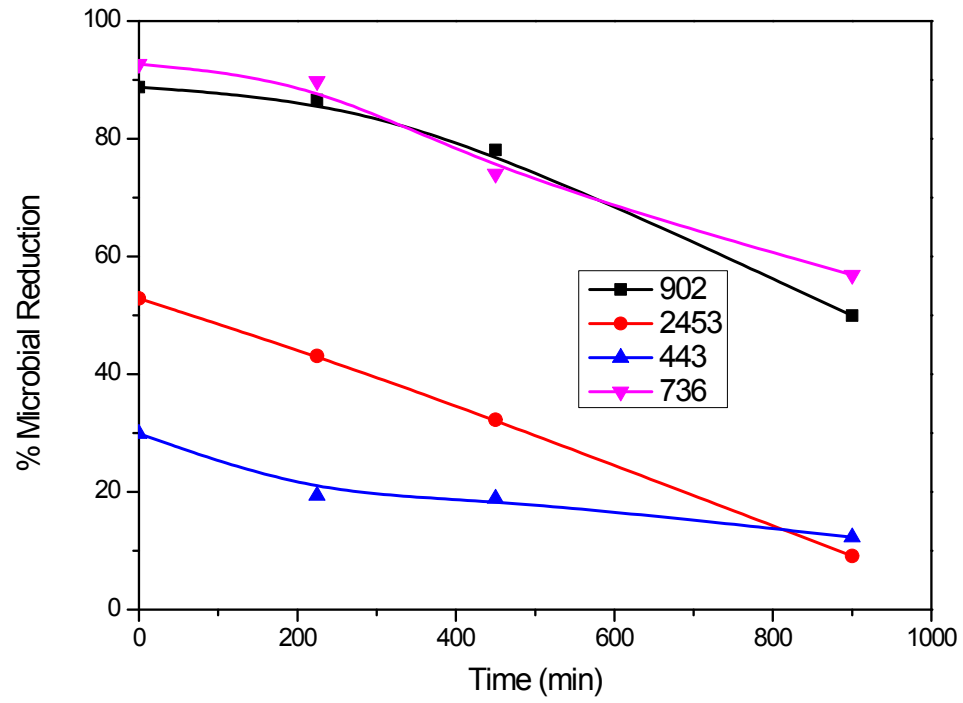


Fig. 3. Percentage microbial reduction as a function of time for 10% (o.w.f.) alum mordanted woolen yarn

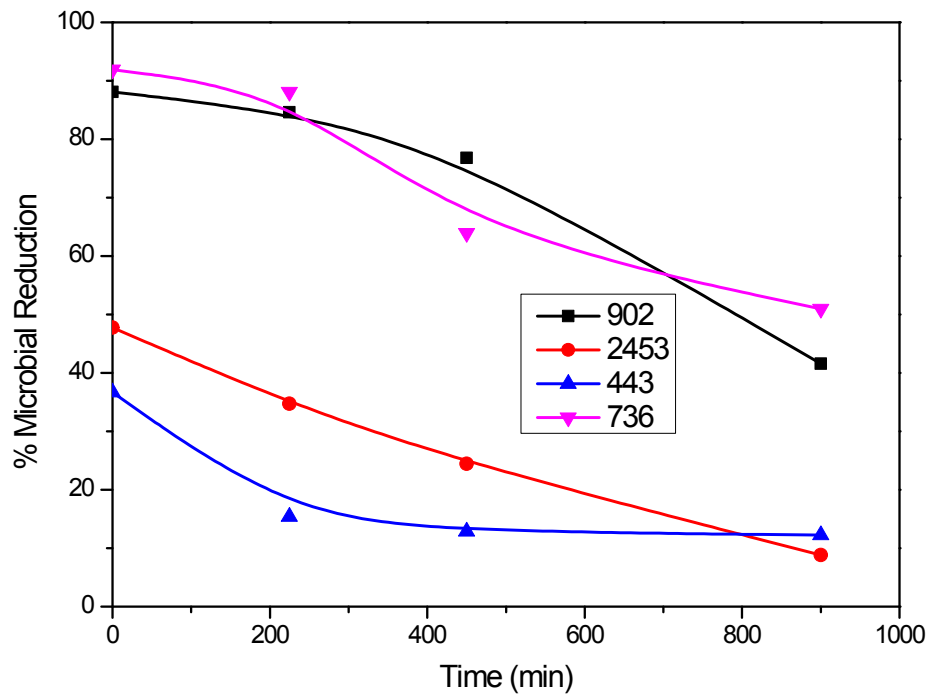


Fig. 4. Percentage microbial reduction as a function of time for 5% (o.w.f.) magnesium sulfate mordanted woolen yarn

