APPENDIX

LEATHER SAMPLES
Chrome tanned (control) goat skin (Fatliquored)

Chrome tanned goat skin treated with saponified Hi-AN graft copolymer prepared in the absence of thioglycollic acid. (Unfatliquored)

Chrome tanned goat skin treated with saponified Hi-AN graft copolymer prepared in the presence of thioglycollic acid (conc. 0.025 mole/mole of AN) (Unfatliquored)
Chrome tanned (control) goat skin (Fatliquored)

Chrome tanned goat skin treated with sulfonated NaLS-St graft copolymer having grafted vinyl branches molecular weight ($M_n$) = 3.27x10^5. (Unfatliquored)

Chrome tanned goat skin treated with sulfonated NaLS-St graft copolymer having grafted vinyl branches molecular weight ($M_n$) = 0.10x10^5. (Unfatliquored)
Chrome tanned (control) goat skin (Fatliquored)

Before dyeing

After dyeing

Chrome tanned goat skin treated with saponified NaLS-AN graft copolymer having grafted vinyl branches molecular weight ($\overline{M}_n = 2.43 \times 10^5$). (Unfatliquored)

Before dyeing

After dyeing

Chrome tanned goat skin treated with saponified NaLS-AN graft copolymer having grafted vinyl branches molecular weight ($\overline{M}_n = 0.16 \times 10^5$). (Unfatliquored)