

Figure 1a
 N990 versus Furnace Blacks* in Butyl Rubber – Modulus

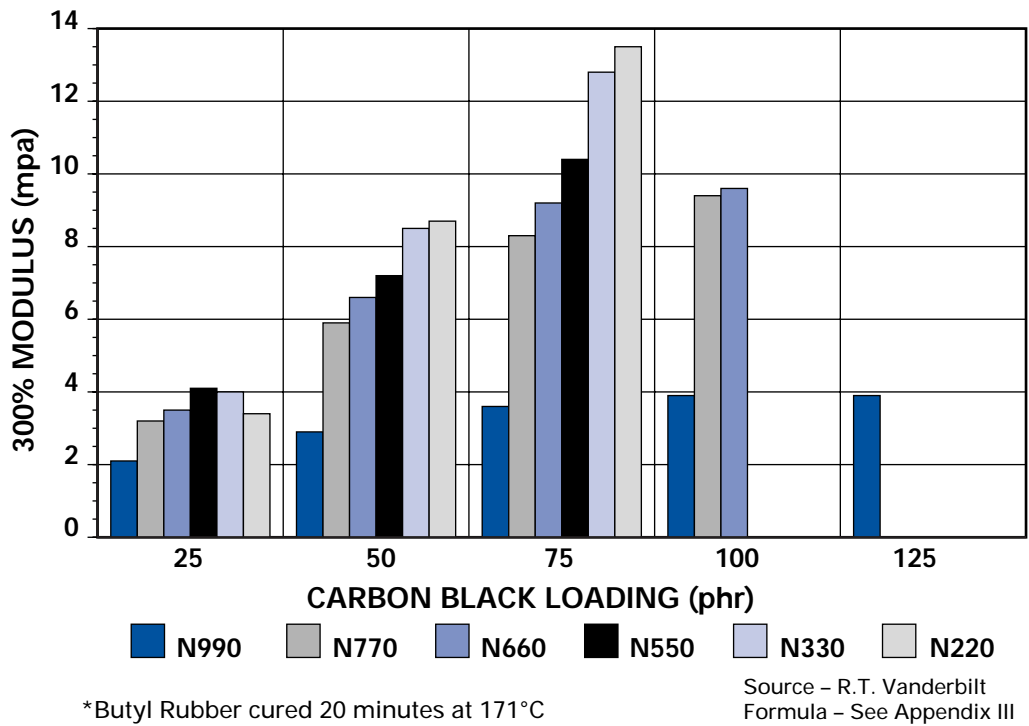


Figure 1b
 N990 versus Furnace Blacks* in Butyl Rubber – tensile strength

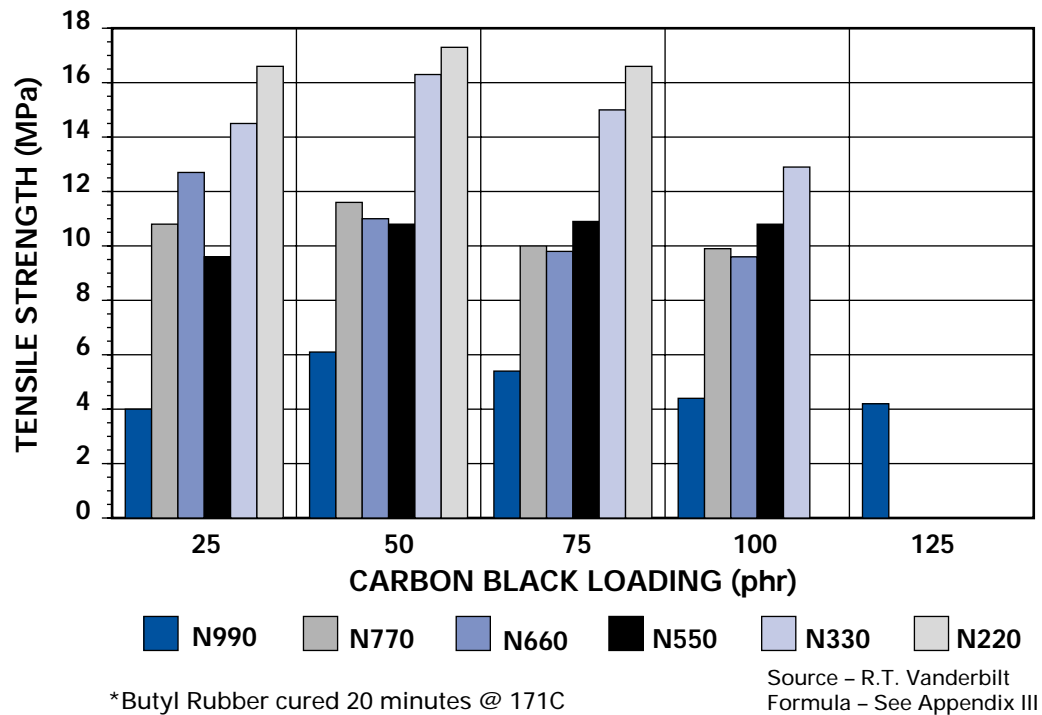
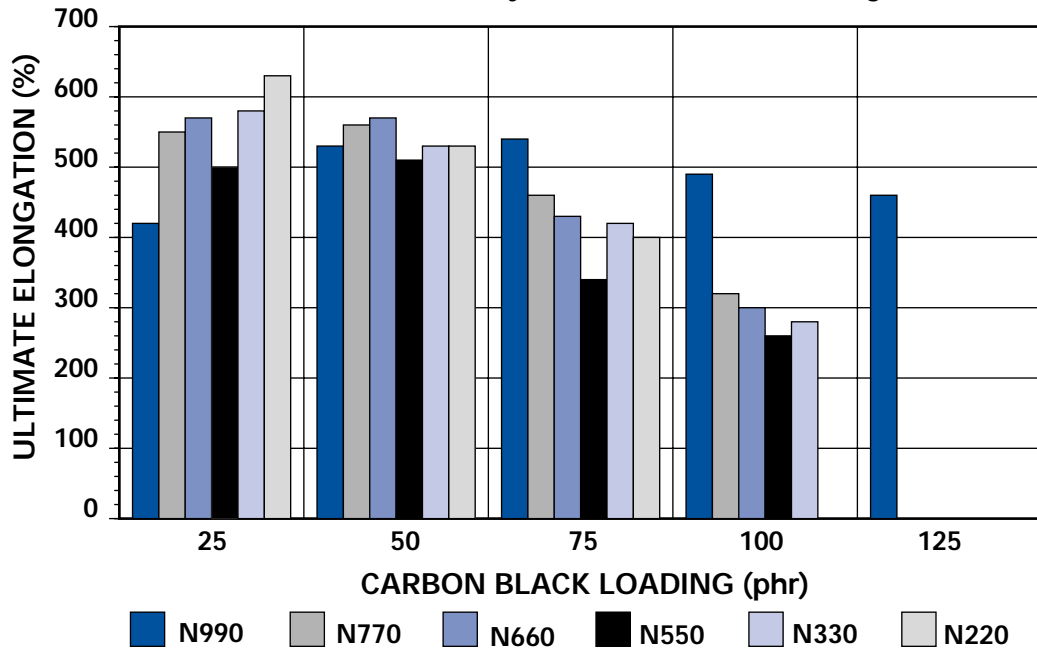


Figure 1c

N990 versus Furnace Blacks* in Butyl Rubber – ultimate elongation

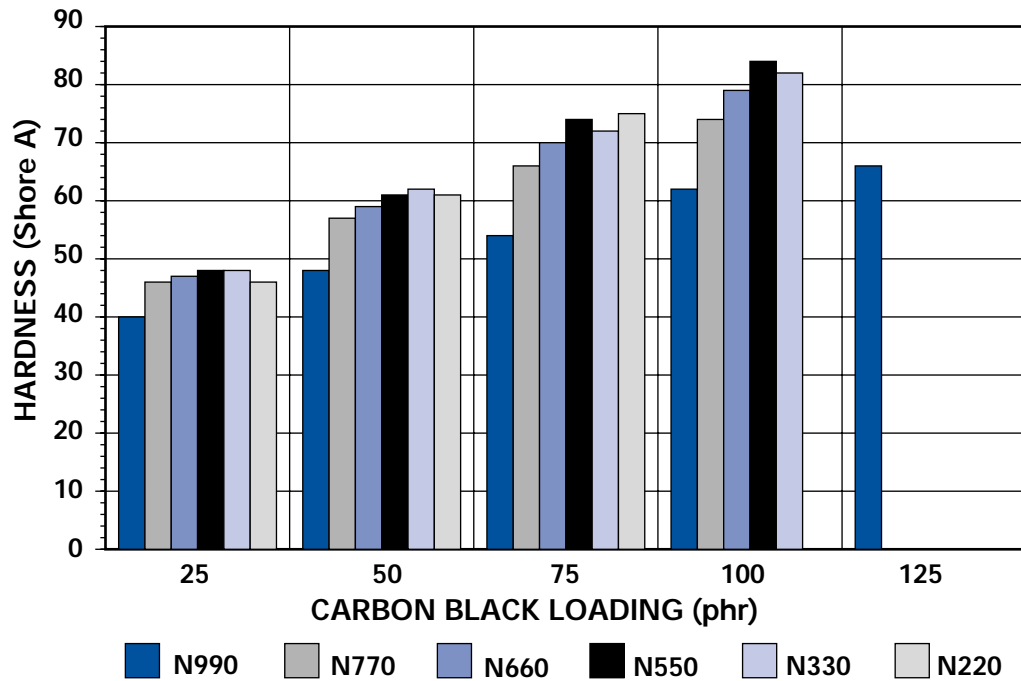


*Butyl Rubber cured 20 minutes @ 171C

Source – R.T. Vanderbilt
Formula – See Appendix III

Figure 1d

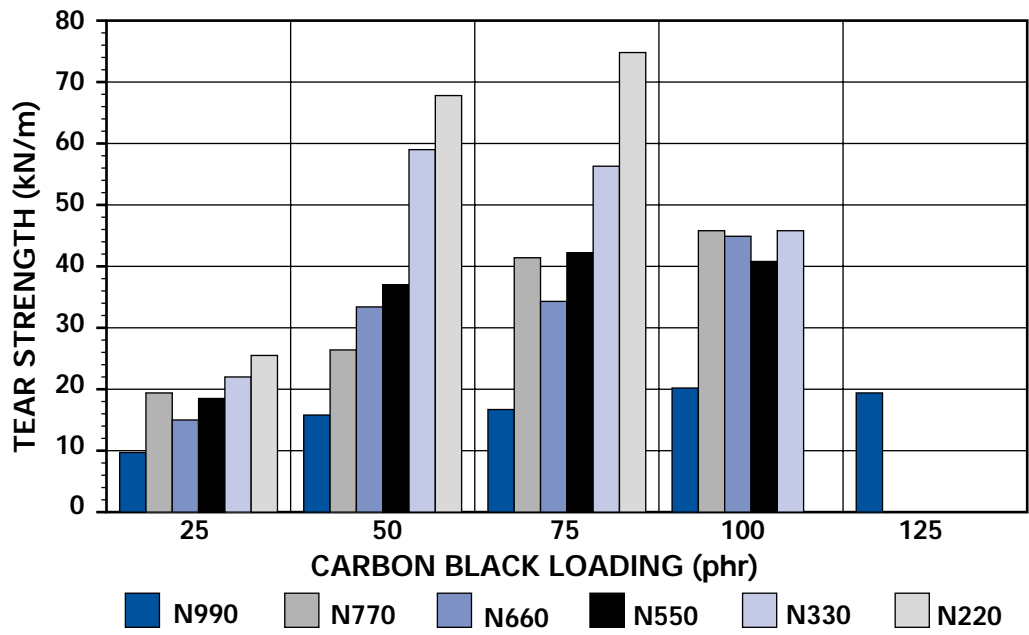
N990 versus Furnace Blacks* in Butyl Rubber – hardness



*Butyl Rubber cured 20 minutes @ 171C

Source – R.T. Vanderbilt
Formula – See Appendix III

Figure 1e
 N990 versus Furnace Blacks* in Butyl Rubber – tear strength



*Butyl Rubber cured 20 minutes @ 171C

Source – R.T. Vanderbilt
 Formula – See Appendix III