

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

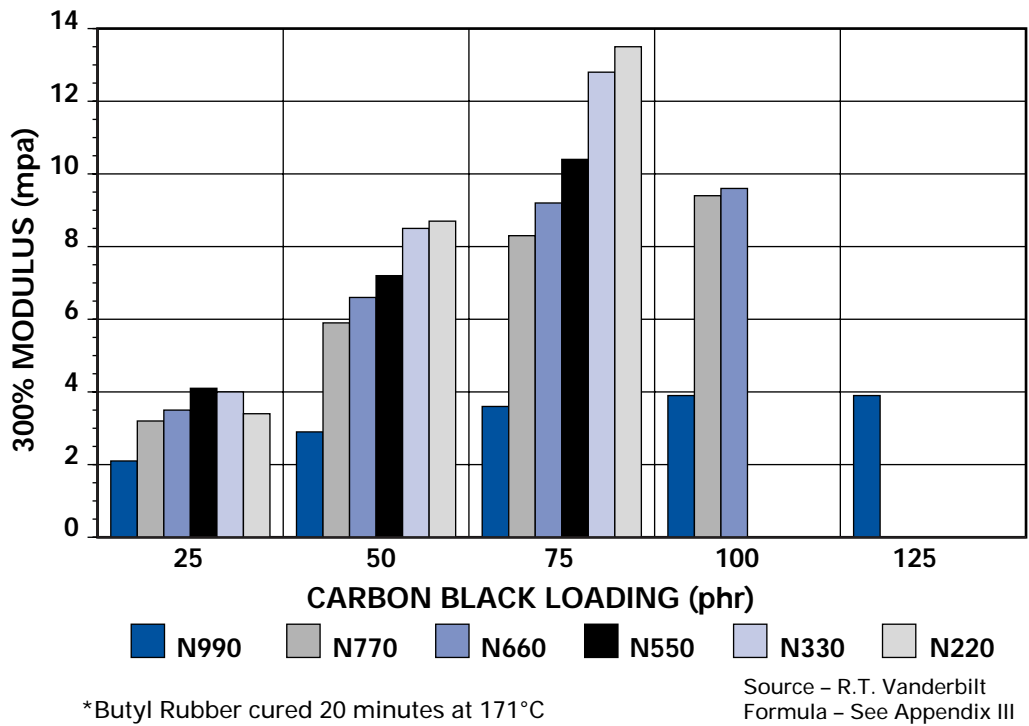


Figure 1b  
 N990 versus Furnace Blacks\* in Butyl Rubber – tensile strength

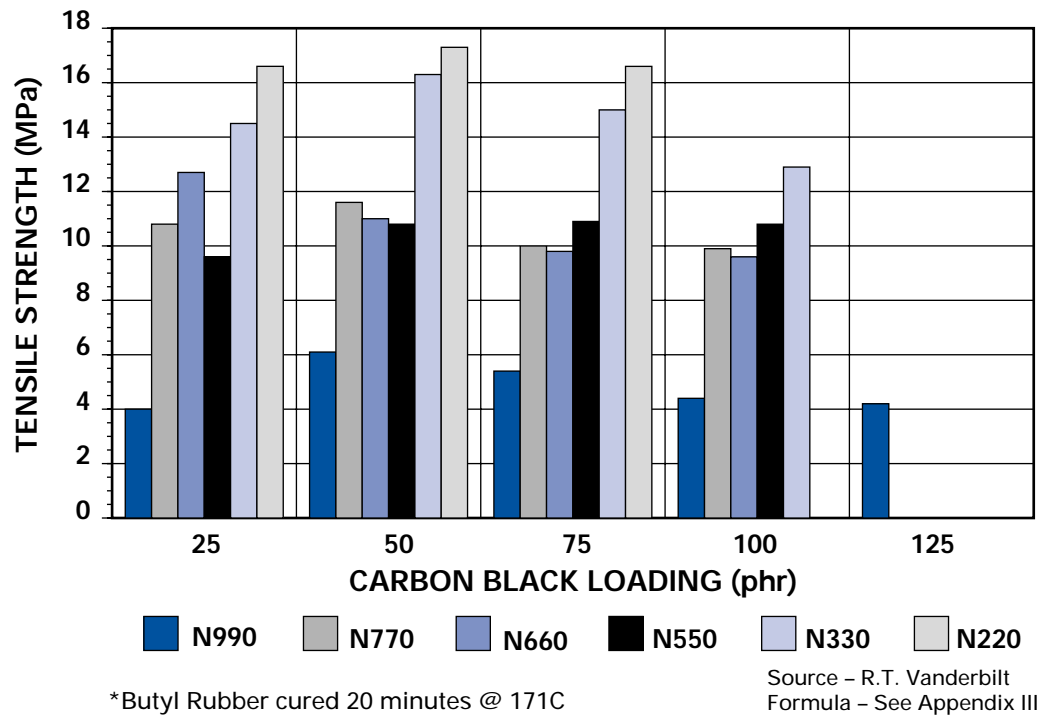
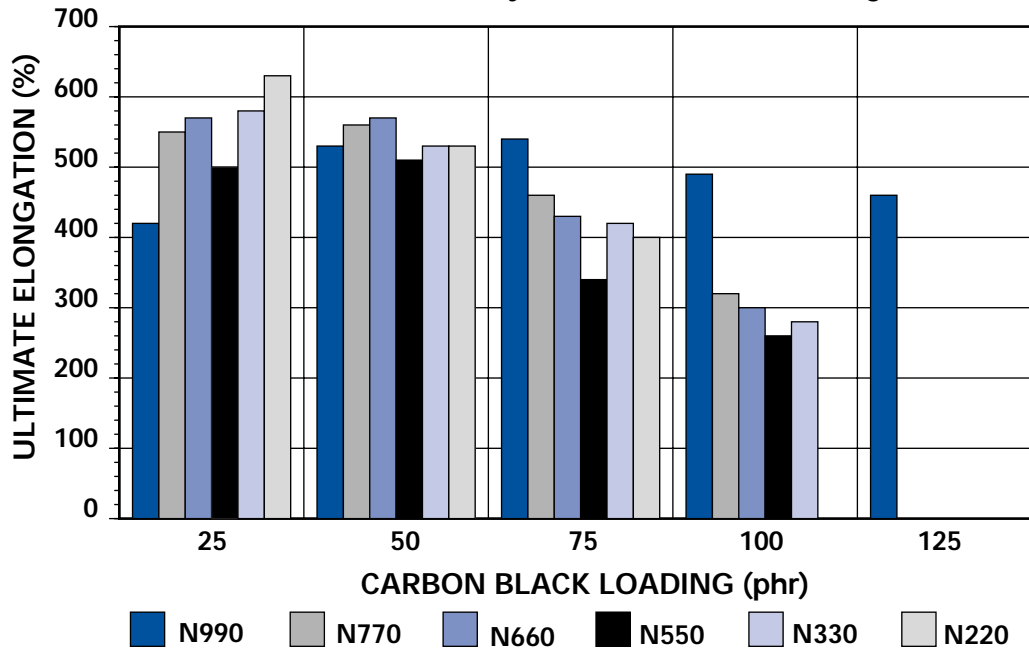


Figure 1c

N990 versus Furnace Blacks\* in Butyl Rubber – ultimate elongation

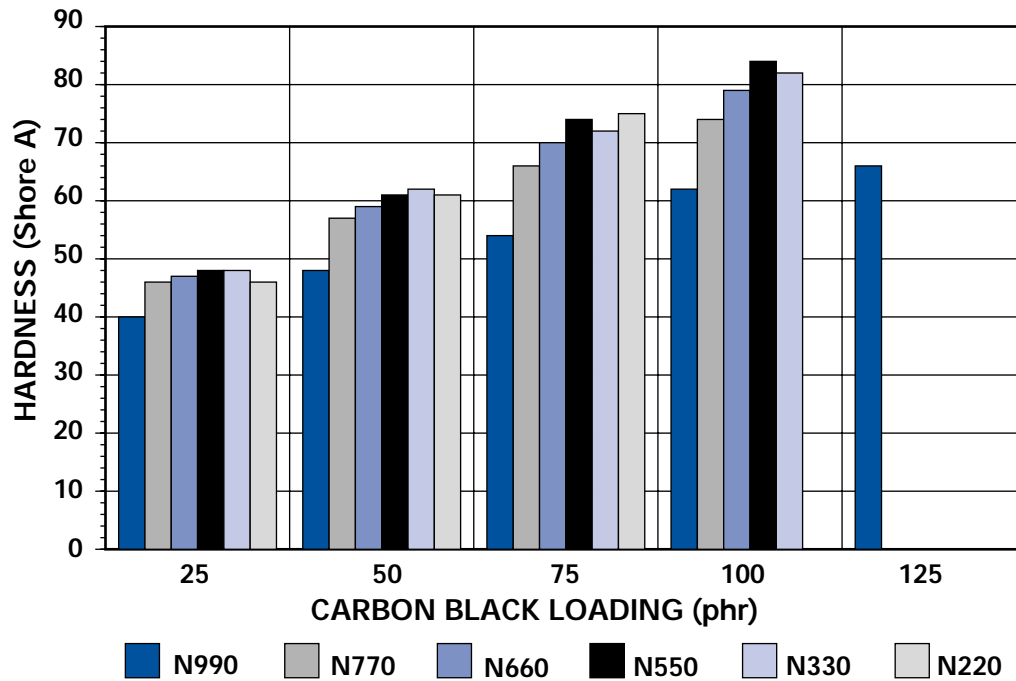


\*Butyl Rubber cured 20 minutes @ 171C

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

Figure 1d

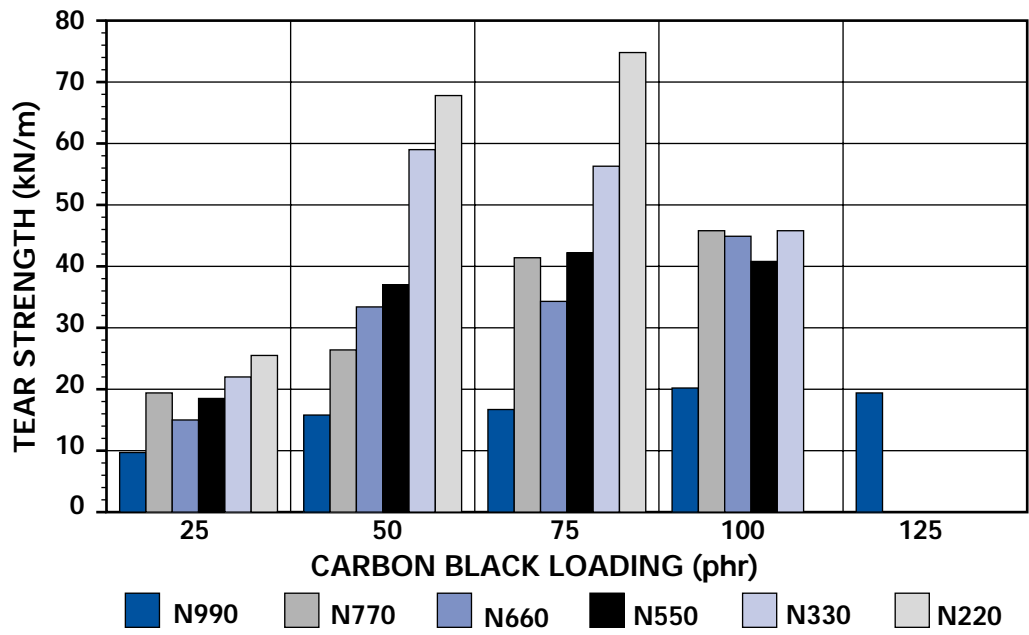
N990 versus Furnace Blacks\* in Butyl Rubber – hardness



\*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