Figure 7a
Effects of N990 in Styrene Butadiene Rubber* - compression set

* - SBR-1500

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

Figure 7b
Effects of N990 in Styrene Butadiene Rubber* - hardness

* - SBR-1500

Source – R.T. Vanderbilt
Formula – See Appendix I
Figure 7c
Effects of N990 in Styrene Butadiene Rubber* – resilience

Figure 7d
Effects of N990 in Styrene Butadiene Rubber* – tear strength
Figure 7e
Effects of N990 in Styrene Butadiene Rubber* - tensile properties

![Bar chart showing the effects of N990 loading on tensile properties of SBR-1500. The chart compares Modulus @ 300% elongation and Tensile strength for different N990 loadings (50, 100, 150, 200 phr).]

Source - R.T. Vanderbilt
Formula - See Appendix I

* - SBR-1500

Figure 7f
Effects of N990 in Styrene Butadiene Rubber* - tensile strength

![Bar chart showing the effects of N990 loading on tensile strength of SBR-1500. The chart compares Unaged and Aged 48h/100 C.Air conditions for different N990 loadings (50, 100, 150, 200 phr).]

Source - R.T. Vanderbilt
Formula - See Appendix I

* - SBR-1500
Figure 7g
Effects of N990 in Styrene Butadiene Rubber* - ultimate elongation

* - SBR-1500

Source - R.T. Vanderbilt
Formula – See Appendix I