

$$e = \frac{\left\{ \frac{7.0}{\text{weight percent TOC}} \right\}^{0.5} - 1}{\text{weight percent TOC}}$$

$$f = \frac{\left\{ \frac{9.0}{\text{weight percent TOC}} \right\}^{0.5} - 1}{\text{weight percent TOC}}$$

$$g = \frac{\left\{ \frac{20.0}{\text{weight percent TOC}} \right\}^{0.5} - 1}{\text{weight percent TOC}}$$