

Tire Pressure (psi)Maximum Braking Coefficient (tire-to-ground)

$$50 \quad \mu_{t/g_{MAX}} = 0.1470 \left(\frac{V}{100}\right)^5 - 1.050 \left(\frac{V}{100}\right)^4 + 2.673 \left(\frac{V}{100}\right)^3 - 2.683 \left(\frac{V}{100}\right)^2 + 0.403 \left(\frac{V}{100}\right) + 0.859$$

$$100 \quad \mu_{t/g_{MAX}} = 0.1106 \left(\frac{V}{100}\right)^5 - 0.813 \left(\frac{V}{100}\right)^4 + 2.130 \left(\frac{V}{100}\right)^3 - 2.200 \left(\frac{V}{100}\right)^2 + 0.317 \left(\frac{V}{100}\right) + 0.807$$

$$200 \quad \mu_{t/g_{MAX}} = 0.0498 \left(\frac{V}{100}\right)^5 - 0.398 \left(\frac{V}{100}\right)^4 + 1.140 \left(\frac{V}{100}\right)^3 - 1.285 \left(\frac{V}{100}\right)^2 + 0.140 \left(\frac{V}{100}\right) + 0.701$$

$$300 \quad \mu_{t/g_{MAX}} = 0.0314 \left(\frac{V}{100}\right)^5 - 0.247 \left(\frac{V}{100}\right)^4 + 0.703 \left(\frac{V}{100}\right)^3 - 0.779 \left(\frac{V}{100}\right)^2 - 0.00954 \left(\frac{V}{100}\right) + 0.614$$