Example:

$$V_{\mathrm{PMact}} = 1.071\ \mathrm{m}^3$$

$$p_{\mathrm{in}} = 101.7\ \mathrm{kPa}$$

$$T_{\mathrm{std}} = 293.15\ \mathrm{K}$$

$$p_{\mathrm{std}} = 101.325\ \mathrm{kPa}$$

$$T_{\mathrm{in}} = 340.5\ \mathrm{K}$$

$$V_{\mathrm{PMstd}} = \frac{1.071 \cdot 101.7 \cdot 293.15}{101.325 \cdot 340.5} = 0.925\ \mathrm{m}^3$$