

Substances Properties: Paraffin hydrocarbons: Surface Tension: CH₄

$$-180\text{ }^{\circ}\text{C} \leq t \leq -160\text{ }^{\circ}\text{C}$$

$$\sigma_{\text{CH}_4}(t) := \left(38,01058 - 0,215 \cdot \frac{t}{K} \right) \frac{\text{mN}}{\text{m}}$$

$$\sigma_{\text{CH}_4}(-175\text{ }^{\circ}\text{C}) = 16,90833 \frac{\text{mN}}{\text{m}}$$

Reference: Vargaftik N.B. Handbook of thermophysical properties of gases and liquids. - 2nd edit. Moscow. Nauka. 1