Property		Formulation
Pressure p	=	$ \varrho TR\left[1+\delta\alpha_{\delta}^{\mathrm{r}}\right] $
Specific entropy s	=	$R\left[\tau(\alpha_{\tau}^{0} + \alpha_{\tau}^{r}) - (\alpha^{0} + \alpha^{r})\right]$
Specific internal energy \boldsymbol{u}	=	$TR\left[au(lpha_{ au}^0 + lpha_{ au}^{ ext{r}}) ight]$
Specific enthalpy h	=	$TR\left[\left(1+\delta\alpha_{\delta}^{\mathrm{r}}\right)+ au\left(lpha_{ au}^{0}+lpha_{ au}^{\mathrm{r}} ight) ight]$
Specific Gibbs-energy g	=	$TR\left[\left(1+\delta\alpha_{\delta}^{\mathrm{r}}\right)+\left(\alpha^{0}+\alpha^{\mathrm{r}}\right)\right]$