

Thermal studies on chromium(II) salts: part 2

ABSTRACT

The thermal behavior of $\text{Cr}(\text{pn})_3\text{Br}_2 \cdot 2\text{H}_2\text{O}$, $\text{Cr}(\text{pn})_3\text{Cl}_2 \cdot 2\text{H}_2\text{O}$, $\text{Cr}(\text{pn})_3\text{SO}_4$, $\text{Cr}(\text{dien})_2\text{Br}_2$, $\text{Cr}(\text{dien})_2\text{Cl}_2$, $\text{Cr}(\text{dien})\text{Cl}_2$ and $\text{Cr}(\text{dien})\text{Br}_2$ was investigated using TG and DSC under nitrogen atmosphere. The thermograms are interpreted and the enthalpies of dissociation are calculated where possible.

Keyword: Chromium(II); Chromium(II) amines; Chromium(II) thermal behavior