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## Abstract of Published Article

## Study of the thermal decomposition of 2,2',4

#### Gilson da Silva\*

National Industrial Property Institute Rio de Janeiro – Brazil gilsondasilva@uol.com.br

#### Koshum Iha

Technological Institute of Aeronautics São José dos Campos – Brazil koshun@ita.br

#### Andreza M. Cardoso

Institute of Aeronautics and Space São José dos Campos – Brazil andreza.moura4.@hotmail.com

#### Elizabeth C. Mattos

Institute of Aeronautics and Space São José dos Campos – Brazil beth@iae.cta.br

#### Rita de Cássia L.Dutra

Institute of Aeronautics and Space São José dos Campos – Brazil chefia.aqi@iae.cta.br

\*author for correspondence

#### Abstract:

2,2', 4,4', 6,6'- hexanitrostilbene (HNS) is an energetic methermal and chemical stabilities, which is employed in the Arrhenius parameters (activation energy and pre-expone reaction were studied and the results were compared with The Kissinger method, applied to DSC's non-isothermal was chosen for this study. The activation energy determine HNS revealed values from 428 kJ.mol <sup>-1</sup> to 477 kJ.mol employed.

#### **Keywords:**

Explosives, HNS, DSC, FT-IR.



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