

## **The effect of light scattering in the sample on the effectiveness of photo-initiation**

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### **Abstract**

In this paper we analyze the possibility of controlling the threshold of photo-initiation of energetic materials by introducing light-scattering additives. In the approximation of the model of photon random vagabonding in the medium with light-scattering inclusions we have got the expressions describing the dependence of the threshold initiation exposure on the scattering exponent.