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Res. Agr. Eng.

**R. Chotěborský, M.
Müller, R. Medlín, P.
Hrabě, D. Herák**

influence of heat exposition on the transition behaviour of the steel 21MnTiB

Res. Agr. Eng., 52 (2006): 156-162

Owing to operations the construction materials change their properties. The material properties and characteristics are considered as the most important. One of properties is the toughness of the used material. Toughness of steel as one of construction materials is expressively temperature– dependent. This dependence – transition behaviour, can vary in dependence of degradation processes which proceed in the material. This paper concerns the problem of the transition behaviour changes of the steel 21MnTiB in dependence on the heat treatment and heat exposition.

Keywords:

steel; impact energy; transition curve

[[fulltext](#)]

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