Łukasz Antolik: Mechanical Testing of Railway Wooden Sleepers

Wood is used in the railway industry mainly as a raw material for railway sleepers. The most common wood used for the production of wooden sleepers are pine, oak and beech. The article presents some reservations of purchasers of finished products regarding the sleepers quality and performance. The verification method of the performance of products called into question, carried out by the Materials and Structure Laboratory of the Railway Research Institute has been described.

Keywords: wooden sleepers, railway superstructure, beech, oak, pine