

Cytowanie literatury (przegląd literatury, metodyka i analiza wyników)

1 autor (Iksiński, 2020)

2 autorów (Iksiński, Igrekowski, 2020)

3 i więcej autorów (Iksinski i in., 2020)

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but also the variability of mechanical properties and density within the same species (Obede et al. 2012, Christoforo et al. 2015). It is caused by many factors, but one of the most important are tree growth conditions (Zobel 1989, Mederski et al. 2015, Zeidler et al. 2018, Krzosek et al. 2019, 2020). Despite these difficulties the importance of timber used in construction increases year by year. From the material fulfilling auxiliary functions in

Tabele

Table 3. Results of strength grading of sawn timber by machine method with the use of MTG device

Strength grade acc. to EN 338											
C40		C35		C30		C24		C18		Reject	
[number]	[%]	[number]	[%]	[number]	[%]	[number]	[%]	[number]	[%]	[number]	[%]
6	4.0	34	22.7	41	27.3	61	40.7	6	4.0	2	1.3

Rysunki:

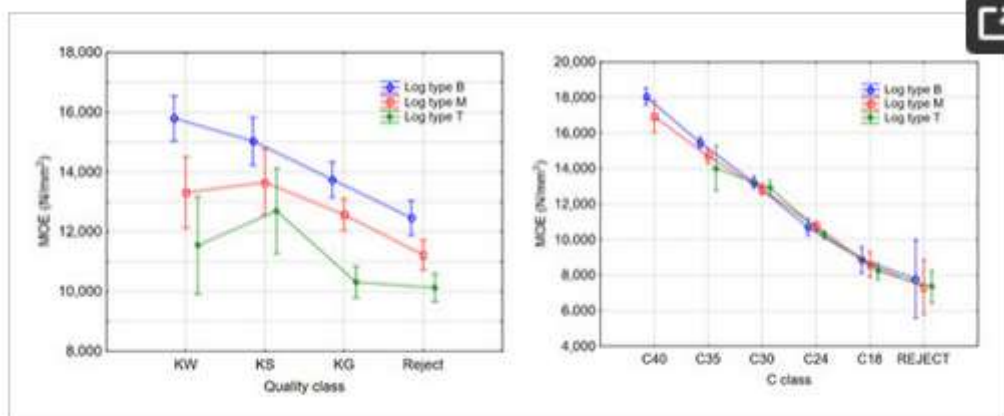


Figure 5. MOE distribution in relation to timber quality.

Spis literatury

Krzysik F., 1974: Nauka o drewnie; PWN, Warszawa

Np.:

1. Abrahamsen R. B., Malo K. A. 2014: Structural design and assembly of "Treet" – a 14-storey timber residential building in Norway. World Conference of Timber Engineering. Quebec City, Canada, 10–14 August 2014.
2. Abrahamsen R. 2017. Mjøstårnet – Construction of an 81 m tall timber building. 23. Internationales Holzbau Forum IHF 2017. Garmisch, Germany, 6–8 December 2017.
3. Bekas J. 2016: Services on the first line of machine timber grading [in polish]. Gazeta Przemysłu Drzewnego, nr 1/2016, pp. 1 and 34–35.
4. Beška M. 2018: Wooden construction industry in Poland [in polish]. Forum Ekologicznego Budownictwa Komunalnego Comunalwood, Gdańsk, 21–22 May 2018.
5. BS 4978:2007. Specification for visual strength grading of softwood. British Standards Institution, London, UK.