

Weldability problems of the technical AW7020 alloy

Marzena Podrez-Radziszewska, PhD., Eng.

Institute of Materials Science and Applied Mechanics, Wrocław University of Technology, Smoluchowskiego 25, 50-372 Wrocław, Poland:

marzena.podrez-radziszewska@pwr.wroc.pl

The article presents problems related to welding alloys of the 7000 series at an example of the AW 7020 grade alloy, by relating the obtained properties to their microstructure. Welded joints were performed with use of the weld metals according to the PN-EN ISO 18273:2007 Standard. The welded joints were subjected to evaluation of their modifiability by heat treatment.

Keywords: aluminium alloys, 7000 series, AW7020, weldability, microstructure

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