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Investigations on the properties of Al alloys quenched using different quenching parameters

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Abstract

The authors made detailed investigations on the properties of Al alloys quenched using different quenching parameters. They prepared specimens of 6061 Al alloys and quenched in water, peanut oil, palm oil at different temps (400°C, 450°C and 530°C). The effect of variation in temperature and quenching media on the mechanical properties were studied by them.