

Schull, Kevin D

From: McMaster-Carr <chi.sales@mcmaster.com>
Sent: Thursday, January 17, 2019 1:56 PM
To: Schull, Kevin D
Subject: Your Steel Inquiry
Attachments: Low Carbon Steel Rod 8920K155.pdf; Low Carbon Steel Bar 8910K394.pdf

Hi Kevin,

Both the [8910K394](#) bar and [8929K155](#) rod are 1018 low carbon steel.

I also attached the product detail pages from our website, which list some of the mechanical properties you requested.

Carrie

From: kevin.schull@mnsu.edu
Sent: Thursday, January 17, 2019 12:23 PM

Message

We are testing the low carbon steel (part #: 8910K394 and 8920K155) in our lab. Is there an AISI (American Iron & Steel Institute) number for this material? I looks like AISI 1018. We look up the Mechanical Properties in www.Matweb.com for comparison to what we get in our lab experiment. Mechanical Properties example: Hardness, Tensile Strength Ultimate, Tensile Strength Yield, Elongation at break, reduction of area, modulus of elasticity, bulk modulus, poissons ratio, shear modulus, % carbon.

From
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