

**Brammer Standard Company, Inc.**

**Data Sheet for Setting-up Material**

**BS SU 1018B**

**AISI Grade 1018 Plain Carbon Steel**

(UNS Number G10180)

**Estimated  
Analysis<sup>1</sup>**

**Estimated  
Analysis<sup>1</sup>**

Analysis listed as percent by weight

<b>C</b>	<b>0.17</b>	<b>As</b>	<b>0.004</b>
<b>Mn</b>	<b>0.76</b>	<b>Ca</b>	<b>0.0010</b>
<b>P</b>	<b>0.013</b>	<b>Co</b>	<b>0.006</b>
<b>S</b>	<b>0.016</b>	<b>N</b>	<b>0.0062</b>
<b>Si</b>	<b>0.244</b>	<b>O</b>	<b>0.0020</b>
<b>Cu</b>	<b>0.15</b>	<b>Sn</b>	<b>0.011</b>
<b>Ni</b>	<b>0.062</b>	<b>Ti</b>	<b>0.002</b>
<b>Cr</b>	<b>0.126</b>	<b>V</b>	<b>0.007</b>
<b>Mo</b>	<b>0.015</b>	<b>Zr</b>	<b>0.002</b>
<b>Al</b>	<b>0.025</b>		

<sup>1</sup> The above chemistry is supplied as an approximate guide to the composition and must not be regarded as the certified analysis. The analysis is based on the results of a Proficiency Testing Program. According to ASTM Standard Practice E 2027, the data from proficiency testing programs must never be used to assign certification values to the materials used in the program. This material may be used for instrument drift control. It must not be used for instrument calibration.

This material has been studied for homogeneity and was found to be suitable for use as a setting-up material.

Data Sheet Number SU-1018B-030107

**Brammer Standard Company, Inc., 14603 Benfer Road, Houston, TX 77069-2895**  
**Telephone (281) 440-9396 Fax (281) 440-4432 [brammerstandard.com](http://brammerstandard.com)**