

BRAMMER STANDARD COMPANY, INC.

Provisional Certificate of Analysis BS 55G

Certified Reference Material for Mold Steel Grade P20 - UNS Number T51620

	Estimated Analysis ¹		Estimated Analysis ¹
Analysis listed as percent by weight			
Al	0.012	Nb	0.003
As	0.006	Ni	0.13
B	0.0002	O	0.002
C	0.38	P	0.011
Ca	0.0014	Pb	<0.005
Co	0.009	S	0.003
Cr	1.8	Sb	<0.005
Cu	0.11	Si	0.57
Fe	[95.6]	Sn	0.008
Mg	0.0002	Ti	0.005
Mn	0.85	V	0.006
Mo	0.42	W	0.03
N	0.008	Zr	0.002

¹ The estimated value listed is the present best estimate of the true value. Values are given in weight percent.

Form: This CRM is machined in the form of a disc approximately 38 mm in diameter and 19 mm thick by Brammer Standard Company, Inc.

A detailed final certificate of analysis will be supplied by October 6, 2018.