



SIVACO
ONTARIO
A HEICO COMPANY

ISO 9001:2008, ISO 14001:2004 AND OHSAS 18001:2007 REGISTERED

SIVACO Ontario
a Division of SIVACO Wire Group L.P.
330 Thomas Street
PO Box 220
Ingersoll, Ontario CANADA
N5C 3K5
(519) 485-4150 Fax (519) 485-3039

Physical Test Report

WORK ORDER
073189

HEAT NUMBER
W27890

SALES ORDER / RLS
045793 / 2

CERT ID / REV
00033560 / 01

SOLD TO

Pioneer Polymers Inc.
14 Industrial Road
Tilbury, ON N0P 2L0
Canada

CUSTOMER P.O. Tom Brockman	CUSTOMER PART	QUANTITY 17,130 lbs	COILS 4	LADING NO 00051810	SHIPMENT DATE 03/30/2012					
SPECIFICATION PCH1018110-16 11.00mm (0.4331") 1018 AKCHQ, Clean/Coat, Clean/Phos/Lube, Pioneer Polymers Inc., 7213.91.6000 Hot Rolled Rods Dia.<14.0mm (0.551"),Further Processed,Carbon < 0.60%										
CUSTOMER REQUIREMENTS										
Chemical (value of 9 = n/a)										
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al
.1800	.7500	.0070	.0020	.0700	.0400	.0400	.0400	.0100	.0050	.0380
B	V	N								
.0001	.0060	.0035								
End of Certification										

I attest that the results are a true and correct copy of the records prepared and maintained by SIVACO Ontario in compliance with the requirements of the cited specification. Chemistry is as reported by the rod / bar supplier. This test report cannot be reproduced or distributed, except in full, without the written permission of SIVACO Ontario.

Authorized by: Gary Allard, QA Manager