



**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  
**W27031**

SALES ORDER / RLS  
**045793 / 1**

CERT ID / REV  
**00033559 / 01**

SOLD TO

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

CUSTOMER P.O. <b>Tom Brockman</b>	CUSTOMER PART	QUANTITY <b>4,354 lbs</b>	COILS <b>1</b>	LADING NO <b>00051810</b>	SHIPMENT DATE <b>03/30/2012</b>					
SPECIFICATION <b>PCH1018110-16</b> <b>11.00mm (0.4331") 1018 AKCHQ, Clean/Coat, Clean/Phos/Lube, Pioneer Polymers Inc., 7213.91.6000</b> <b>Hot Rolled Rods Dia.&lt;14.0mm (0.551"),Further Processed,Carbon &lt; 0.60%</b>										
CUSTOMER REQUIREMENTS										
<b>Chemical (value of 9 = n/a)</b>										
<b>C</b>	<b>Mn</b>	<b>P</b>	<b>S</b>	<b>Si</b>	<b>Cu</b>	<b>Ni</b>	<b>Cr</b>	<b>Mo</b>	<b>Sn</b>	<b>Al</b>
.1800	.7500	.0080	.0020	.0900	.0400	.0700	.0600	.0040	.0030	.0330
<b>B</b>	<b>V</b>	<b>N</b>								
.0001	.0080	.0071								
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