



ISO 9001:2000, ISO 14001:2004 AND OHSAS 18001:2007 REGISTERED

**SIVACO Ontario**  
 a Division of SIVACO Wire Group L.P.  
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 Ingersoll, Ontario CANADA  
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 (519) 485-4150 Fax (519) 485-3039

# Physical Test Report

WORK ORDER  
**041446**

LOT NUMBER  
**A95636**

SALES ORDER / RLS  
**023927 / 2**

CERT ID / REV  
**00005735 / 01**

SOLD TO

**Pioneer Polymers Inc.**  
**14 Industrial Park Rd**  
**P.O. Box 148**  
**Tilbury, ON N0P 2L0**  
**Canada**  
**Attn: Quality Assurance**

CUSTOMER P.O. <b>STOCK</b>	CUSTOMER PART <b>13.50-1018</b>	QUANTITY <b>3,155 lbs</b>	COILS <b>1</b>	LADING NO <b>00036446</b>	SHIPMENT DATE <b>04/22/2009</b>					
SPECIFICATION <b>PIQ1018135-18</b> <b>13.50mm (0.5310") 1018 IQ, Clean/Coat, Clean/Lime, Pioneer Polymers Inc., 7213.91.6000</b>										
CERTIFICATION 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	.6700	.0100	.0060	.2000	.2100	.1000	.0800	.0280	.0210	.0030
<b>B</b>	<b>V</b>	<b>N</b>								
.0000	.0000	.0069								
<b>Mechanical - Tag Detail</b>										
00330267	<b>DIAs</b>	<b>UTSs</b>								
	.530	76156								
<b>Dimensional</b>										
<u>TEST</u> <b>Diameter (inch)</b>	<u>UNITS</u> <b>in</b>	<u>HIGH</u> <b>.530</b>	<u>LOW</u> <b>.527</b>	<u>AVERAGE</u> <b>0.529</b>						
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: Graham Benoit, QA Manager