



SIVACO
ONTARIO
A HEICO COMPANY

ISO9001:2000 and ISO14001:2004 Registered

SOLD TO

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

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 **037023** LOT NUMBER **A93639**
SALES ORDER / RLS **021093 / 1**

CUSTOMER P.O. STOCK	CUSTOMER PART 17.50-1018	QUANTITY 39,190 lbs	COILS 12	LADING NO 00032492	SHIPMENT DATE 07/22/2008					
SPECIFICATION PIQ1018175-03 17.50mm (0.6890") 1018 IQ, Clean/Coat, Clean/Lime, Pioneer Polymers Inc., 7213.99.0030										
CERTIFICATION REQUIREMENTS This product meets ASTM A 510M										
Chemical (value of 9 = n/a)										
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al
.1600	.7100	.0170	.0100	.2500	.1700	.0800	.1400	.0190	.0130	.0060
B	V	N								
.0000	.0000	.0065								
Dimensional										
<u>TEST</u> Diameter (inch)	<u>UNITS</u> in	<u>HIGH</u> .692	<u>LOW</u> .687	<u>AVERAGE</u> 0.690						
Mechanical - Tag Detail										
	DIAs	UTSs								
00310378	.692	74448								
00310379	.690	73549								
00310380	.692	73917								
00310381	.691	73067								
00310382	.692	73119								
00310383	.689	73766								
00310384	.690	73014								
00310385	.687	73375								
00310386	.691	73067								
00310387	.689	73766								
00310388	.690	73817								
00310389	.691	73067								
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**