


SIVACO
 ONTARIO COMPANY

 A HEICO COMPANY
 ISO9001:2000 and ISO14001:2004 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
030981
 LOT NUMBER
A89001

 SALES ORDER / RLS
017049 / 1
 CERT ID / REV
00000055 / 02

SOLD TO

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

CUSTOMER P.O. STOCK	CUSTOMER PART 13.50-1018	QUANTITY 9,805 lbs	COILS LADING NO 3 00030111	SHIPMENT DATE 03/24/2008
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 SPECIFICATION **PIQ1018135-18**
13.50mm (0.5310") 1018 IQ, Clean/Coat, Clean/Lime, Pioneer Polymers Inc., 7213.91.6000
CERTIFICATION REQUIREMENTS

Chemical (value of 9 = n/a)											
	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Sn	Al
	.1700	.6900	.0050	.0160	.2200	.1900	.1000	.0900	.0220	.0100	.0040
	B	V	N								
	.0000	.0010	.0079								

Dimensional

TEST	UNITS	HIGH	LOW	AVERAGE
Diameter (inch)	in	.532	.528	0.530

Mechanical - Tag Detail

	DIAS	UTSS
00294537	.529	73248
00294539	.530	73869
00294542	.530	73889

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**