



SIVACO
ONTARIO
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
039276

LOT NUMBER
A94298

SALES ORDER / RLS
022506 / 1

CERT ID / REV
00004111 / 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. STOCK | CUSTOMER PART 13.50-1018 | QUANTITY 10,060 lbs | COILS 3 | LADING NO 00034486 | SHIPMENT DATE 11/17/2008 | | | | | |
| 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 | .6400 | .0110 | .0080 | .1800 | .2000 | .0900 | .1000 | .0180 | .0110 | .0030 |
| B | V | N | | | | | | | | |
| .0000 | .0000 | .0072 | | | | | | | | |
| Mechanical - Tag Detail | | | | | | | | | | |
| | DIAs | UTSs | | | | | | | | |
| 00322280 | .528 | 73516 | | | | | | | | |
| 00322281 | .531 | 73589 | | | | | | | | |
| 00322282 | .532 | 73324 | | | | | | | | |
| Dimensional | | | | | | | | | | |
| <u>TEST</u> | <u>UNITS</u> | <u>HIGH</u> | <u>LOW</u> | <u>AVERAGE</u> | | | | | | |
| Diameter (inch) | in | .532 | .528 | 0.530 | | | | | | |
| 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