

ISO 9001:2008, ISO 14001:2004 AND OHSAS 18001:2007 REGISTERED

SIVACO Ontario a Division of SIVACO Wire Group L.P.

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Physical Test Report

WORK ORDER 085759

HEAT NUMBER A12088 SALES ORDER / RLS 054711 / 4 CERT ID / REV 00046908 / 01

SOLD TO

Windsor Machine & Stamping (US) Ltd 26655 NorthLine Road Taylor, MI 48180 United States Attn: Quality Assurance

CUSTOMER P.O. CUSTOMER PART Polymer					QUAN 20,694	-		S LADING NO 0 00058083		SHIPMENT DATE 07/05/2013	
SPECIFICATIO 0.5650" (14 Non-Alloy V C=>0.25% a	.351mm) 15 Vire, Heat 1	Freated		n/Phos/Po	lymer, Wir	ndsor Mac	hine & Sta	mping Ltd,	7217.10.	8010	
CUSTOMER R	EQUIREMEN	ГS									
				Chemical	(value of §	9 = n/a)					
C .3700	Mn 1.3900	P .0120	s .0110	si .2100	Cu .1600	Ni .0700	Cr .1200	Мо .0200	Sn .0090	Al .0050	
B .0002	v .0050	N .0068									
				Mechan	ical - Sum	mary					
<u>TEST</u> Diameter (inch)		<u>UNITS</u> in				<u>нідн</u> .566		<u>LOW</u> .564	<u>AVERAGE</u> 0.565		
Tensile (ps	i)	psi				7392	27	71657	73287		
				End of	f 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