



155 SOUTHBELT INDUSTRIAL DRIVE
HOUSTON, TX 77047
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www.fluidsealingproducts.com

Certified Material Test Report

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SOLD TO: RHAME PUMP REPAIR & SUPPLY INC
P.O. BOX 358
PEARLAND, TX 77588

SHIP TO:

DATE		SALES ORDER #	CUST P.O.#	SPECIFICATION		MATERIAL		FINISH		
11/13/2017		477575	RP1110MRHLS	ASTM A193		Grade B7				
ITEM	QTY	ITEM DESCRIPTION			HEAT #	LOT #		ORIGIN		VENDOR #
1	32	1 1/4-8 X 4 3/4 B7 HEAVY HEX BOLT			5L1787	123603		JPN		10517

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cr	Mo
.4000	.9100	.0180	.0180	.2400	.9600	.1600

PHYSICAL PROPERTIES

YIELD PSI	TENSILE PSI	ELONGATIO N	REDUCTION OF AREA %	HARDNESS BRINELL	WEDGE TENSILE	TEMPERED AT TEMP	MACRO ETCH E381	SPEC DATE
116791	131030	17.64	59.16	279	129730 PSI	1202 F	S1/R1/C1	15

REF. NUMBER:

SUPPLEMENTAL INFORMATION

The physical characteristics represented above are transference of test data documented by the source of inspection. All test are in accordance with the methods prescribed in the applicable SAE and/or ASTM specifications and are free from mercury contamination. No heats to which bismuth, selenium, tellurium or lead was intentionally added have been used to produce the bolts. Fluid Sealing Products, Inc. defers liability or warranty implied or expressed for the test results represented. Under terms expressed, we hereby certify that this data is a true representation of information provided by the material supplier and/or our testing laboratory, and under no circumstances has the information been altered. Original documentation remains on file for review.

Dennis Galati - Q.A. Manager

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