

# CERTIFIED MATERIAL TEST REPORT FOR DIN975-4.8 THREAD RODS

**EN 10204-3.1**

DATE: 2020.5.14

MFG LOT NUMBER: E2012LC207

SAMPLING PLAN : ACC.TO ISO 3269-2000

SIZE: M16X2000 ZP PART NO: 502141631

HEADMARKS: NO MARKING

STEEL PROPERTIES:

STEEL GRADE: Q195

HEAT NUMBER: 32000727

CHEMISTRY SPEC:

C %	Si %	Mn%	P %	S %
0.55max			0.050max	0.060max
0.05	0.07	0.32	0.021	0.019

TEST:

DIMENSIONAL INSPECTIONS

SPECIFICATION: DIN975

CHARACTERISTICS	SPECIFIED	ACTUAL RESULT	ACC.	REJ.
*****				
APPEARANCE	ISO6157-1	PASSED	100	0
THREAD	ISO 965/2-6g	PASSED	32	0
MAJOR DIA.	15.68-15.96	15.76-15.8	8	0
GO NOGO	6h/6g	PASSED	8	0
LENGTH	1992.5-2007.5	1999-2001	8	0

MECHANICAL PROPERTIES:

SPECIFICATION: ISO 898/1-2013 CLASS 4.8

CHARACTERISTICS	TEST METHOD	SPECIFIED	ACTUAL RESULT	ACC.	REJ.
*****					
CORE HARDNESS:	ISO 898-1-13	71-95 HRB	79-80 HRB	8	0
TENSILE STRENGTH:	ISO 898-1-13	Min 420 Mpa	458-465	4	0
YIELD STRESS	ISO 898-1-13	Min 340 Mpa	363-370	4	0

ALL TESTS IN ACCORDANCE WITH THE METHODS PRESCRIBED IN THE APPLICABLE ISO 898/1 SPECIFICATION. WE CERTIFY THAT THIS DATA IS A TRUE REPRESENTATION OF INFORMATION PROVIDED BY THE MATERIAL SUPPLIER AND OUR TESTING LABORATORY.