

**BAM,**Bundesanstalt für
Materialforschung
und -prüfung

Report

on Testing a Thread Sealing Material for Reactivity with Oxygen

Reference Number II-2396/2009 E

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Customer LOXEAL srl
PO Box 21
Via Marconato 2
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ITALIEN

Order Date October 19, 2009

Receipt of Order October 21, 2009

Test Samples Thread Sealant LOXEAL 85-86 for use in valves and fittings or other components for gaseous oxygen service at temperatures up to 60 °C.
BAM-Order-No. II.1/49 855

Receipt of Samples October 20, 2009

Test Date January 27, 2010

Test Location BAM Working Group "Safe Handling of Oxygen", building no. 41, room no. 120

Test Procedure According to DIN EN 1797: 2002-02
„Cryogenic Vessels - Gas/Material Compatibility“
ISO 21010: 2004-04
„Cryogenic Vessels - Gas/Material Compatibility“
Annex of pamphlet M 034-1 (BGI 617-1)
„Liste der nichtmetallischen Materialien die von der Bundesanstalt für Materialforschung und -prüfung (BAM) zum Einsatz in Anlageteilen für Sauerstoff als geeignet befunden worden sind.“,
to pamphlet M 034 „Sauerstoff“ (BGI 617)
Berufsgenossenschaft der chemischen Industrie
Edition: October 2008;
according chapter 3.17 „Gleitmittel und Dichtwerkstoffe“
to rule BGR 500 „Betreiben von Arbeitsmitteln“ part 2,
chapter 2.32 „Betreiben von Sauerstoffanlagen“,
Edition: September 2008.

All pressures of this report are excess pressures.
This test report consists of page 1 to 4 and annex 1.

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In case a German version of the test report is available, exclusively the German version is binding.

TEST REPORT