

TECHNICAL DATA SHEET - CST 2515/04 - 05/08/2014

CONTROLLER 2 EVOLUTION OXY

Maximum Temperature [°C]	Maxymum Oxygen Pressure [bar]	
up to 60	420	
> 60 to 280	250	

Maximum combined temperature and pressure with pure oxygen

Rings

		ID/AIVI
on Testing a	Report a Nonmetallic Material for Reactivity with Oxygen	Bundesanstalt für Materialforschung und -prüfung
Reference Number	2-1949/2014 E	
Сору	1. Copy of 2 Copies	
Customer	CARRARA S.p.A. Via Provinciale, 1/E 25030 Adro (BS) Italien	
Order Date	August 4, 2014	
Reference	Order No.: 1411295	
Receipt of Order	August 11, 2014	
Fest Samples	Die-formed flexible graphite ring Valvograph ZV48Z OXY', undisclosed batch, for use as a sealing material in piping, valves and fittings or other components for gaseous oxygen service at temperatures up to 280 °C and for liquid oxygen service; BAM-Order No.: 2.1/52 220	
Receipt of Samples	August 7, 2014	0
Test Date	August 22, 2014 to February 6, 2015	
Test Location	BAM - Working Group 'Safe Handling of Oxygen'; building no. 41, room no. 073 and no. 120	
Test Procedure or Requirement According to	DN EN 1197 2020-20 Cyrogene: Viseas - Clask Makarial Compatibility 150 2 2101 2004-07 Charles - Clask - Clask Makarial Compatibility 150 2 2101 2004-07 Execution Institute for AL 1020 5171 - Tut of nonvestiller makerials on program by BAM Sectoral Institute for Makeria Descrit and 2147 - Execution Sector Sector 2004 - Clask 2017 Central Rules for Maxardon Sublantees "Talgeneties mit Cases - Celiforbulgesunthing" Caser - Sector 2014 - Clashina Caser - Celiforbulgesunthing" Caser - Sector 2014 - Clashina Caser - Celiforbulgesunthing" Caser - Sector 2014 - Clashina Caser - Celiforbulgesunthing Caser - Sector 2014 - Clashina Caser - Celiforbulgesunthing - Caser - Sector 2014 - Clashina Caser - Celiforbulgesunthing - Clashina Caser - Celiforbulgesunthing - Caser - Sector 2014 - Clashina Caser - Celiforbulgesunthing - Caser - Sector 2014 - Clashina Caser - Celiforbulgesunthing - Caser - Caser - Celiforbulgesunthing - Caser - Celiforbulgesunthing - Caser - Caser - Caser - Caser - Caser - Celiforbulgesunthing - Caser - C	
This test report consi	eport are excess pressures. sts of page 1 to 6 and annex 1 to 4.	ilaitail Bannan
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refer explusively to the tested ma	terials. test report is available, exclusively the German version is binding.	

2010-01

Composition

• Flexible graphite rings ZV48Z OXY

Wiper rings

• Compression packing rings ZGR80SGR OXY

Features

Controller 2 Evolution Oxy is the stem packing made with material BAM approved for Oxygen Use. Equipped with the special packing GR80SGR OXY. Controller 2 Evolution OXY, completely lubricant free, offers a great recovery with a very high aging resistance.

Applications

Packing for Oxygen Service.