Akron Rubber Development Laboratory, Inc.



This document certifies Arlon® 1000 Victrex

From

Greene, Tweed & Co.

PASSED

the technical requirements for Fluid Aging

In accordance with Annex B, ISO 23936-1, 2009 Edition and NORSOK M-710, Rev.3

Test Gas Classification	B.1.1 Table B.1		
	Multi-Phase High H ₂ S Sour Gas Aromatic Fluid Mix		
Test Temperature	195°C, 210°C, and 225°C		
Initial Charge Pressure	6.0 +/- 0.5 MPa (870 +/- 72 psi)		
Test Specimen	ASTM D638 Type IV dumbbell test specimens		
Operational Service			
Temperature /	180°C / ISO 10423 Service Classification "X"		
Classification			

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Property	Measured	Allowable Change	Source	Comment
% Change Volume min/max	+3.4%/+4.7%	-1/ +5%	ISO 23936-1 NORSOK M-710	No failures during aging test
% Change Young's Modulus min/max	-20.2%/+14.2%	±50%	ISO 23936-1 NORSOK M-710	No failures during aging test
% Change Stress @ Break min/max	-4.1%/-0.4%	±50%	ISO 23936-1 NORSOK M-710	No failures during aging test
% Change Elongation min/max	-10.8%/+5.1%	±50%	ISO 23936-1 NORSOK M-710	No failures during aging test

The results indicate that the material is resistant to the simulated fluid media specific herein. The Arlon® 1000 Victrex Plastic PASSED the full requirements of Annex B per ISO 23936-1 and Norsok M710 Rev 3, under the stated conditions.

David Nuss Staff Engineer ARDL Engineering

John Meser Manager ARDL Engineering

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