ALPINE POLYTECH
Material and Equipment Performance Testing

TEST CERTIFICATE: APT-TC-250225-01-RevA

Standard: ISO 23936-2:2011 RGD & NORSOK M710 Ed. 3 RGD
Material: EPM 893
Status: **PASS**
Test Report: APT-TR-PP250225-RevA

Issued To: Greene, Tweed & Co.
2075 Detwiler Road, Kulpsville, PA 19443
Issue Date: June 16, 2026

Qualification

The Greene, Tweed & Co. compound EPM 893 in the form of -312 O-rings has Passed ISO 23936-2:2011 Annex B and NORSOK M710 Ed. 3 RGD testing after completing pressure cycling and having no damage greater than a ''0'' score. Testing was performed with the ISO illustrated ''Free-Flow'' fixture with a 100% Hydrogen gas mixture.

ISO 23936-2 Test Results	
Compound	EPM 893
Elastomer Type	EPDM
Specimen	-312 O-ring
Fixture Type	Free-Flow
Squeeze	13.8%
Gland Fill	80.7%
O-ring	**Score**
1	0000
2	0000
3	0000
4	0000
Results	**PASS**

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ACCREDITED
CERT #7018.01

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Accredited to: ISO/IEC 17025:2017, Field of Accreditation: Mechanical Testing