



# TEST CERTIFICATE: APT-TC-190414-01

**Standard:** API 6A 21st Edition Annex F.1.13.5.2  
**Material:** Chemraz 526  
**Status:** Qualified

**Issued To:** Greene, Tweed & Company  
1930 Rankin Rd., Houston, TX 77073  
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**Qualification Statement:** The Chemraz 526 elastomer compound is qualified to API 6A 21st Edition according to Annex F.1.13.5.2 immersion testing for material class FF/HH 10% H2S design validation procedures meeting ISO 23936-2:2011 sour aging acceptance criteria.

Qualification Parameters	
6A Gas 35%	10% H2S / 80% CO2 / 10% CH4
6A Hydrocarbon 60%	Kerosene (Diesel #1)
6A Water 5%	Water
Exposure	To the hydrocarbon phase
Pressure	1000 ± 100 psi
Duration	160 hours
Temperature	428°F (220°C)

Acceptance Criteria	
Property	Criteria
Hardness	+5/-20 units
Volume	+25 / -5 %
Tensile Strength	± 50%
Elong at Break	± 50%
50% Modulus	± 50%

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