



TEST CERTIFICATE: APT-TC-200102-06

Standard: API 6A 21st Edition Annex F.1.13.5.2
Material: Arlon 1000
Status: Qualified

Issued To: Greene, Tweed & Company
 1930 Rankin Rd., Houston, TX 77073
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Qualification Statement: The Arlon 1000 plastic 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 Norsok M710 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	350°F (177°C)

Acceptance Criteria	
Property	Criteria
Volume	+5 / -1 %
Tensile Strength	± 50%
Elong at Break	± 50%
Modulus	± 50%
Visual Concerns	none

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 Accredited to: ISO/IEC 17025:2005, Field of Accreditation: Mechanical Testing