



TEST CERTIFICATE: APT-TC-PP241008-01-RevA

Standard: API 6A 21st Edition Annex F.1.13.5.2
Material: Compound 209
Batch No: 1005164145
Temperature: 150°C
Status: Qualified

Issued To: Greene, Tweed & Co.
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Qualification Statement:

Compound 209 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 at 150°C meeting NORSOK M-710 Ed. 3 and ISO 23936-2:2011 sour aging acceptance criteria.

Qualification Parameters		Acceptance Results		
35% Gas	10% H2S / 80% CO2 / 10% CH4	Property	Criteria	Result
60% Hydrocarbon	Kerosene, odorless	Volume	+25% /-5%	Met
5% Water	Distilled Water	Hardness	+10/-20 points	Met
Exposure	Liquid Hydrocarbon Phase	Tensile Strength	± 50%	Met
Pressure	1000 ± 100 psi	Elongation at Break	± 50%	Met
Duration	163.05 hours	50% Modulus	± 50%	Met
Temperature	150°C (302°F)	100% Modulus	± 50%	Met

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