



TEST CERTIFICATE: APT-TC-190329-08

Standard: API 6A 21st Edition Annex F.1.13.5.2

Material: PTFE PC007

Status: Qualified

Issued To: Guangzhou JST Seals Technology Co., Ltd.
718 Kaichuang Avenue, Technology Development Zone, Guangzhou, China
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Qualification Statement: The PTFE PC007 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 NORSOK M710 Rev3 sour aging acceptance criteria.

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

Acceptance Criteria		
Property	Criteria	Result
Volume	+5 / -1 %	Pass
Tensile Strength	± 50%	Pass
Elong at Break	± 50%	Pass

Prepared By: Joshua Kennedy

Joshua Kennedy
Staff Scientist

Approved By: J. Buc Slay

J. Buc Slay
CTO



Alpine Polytech
6820 Corporation Parkway, Fort Worth, TX 76126
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