



Parker Seal De Matamoros
 Diagonal Lorenzo de la Garza #13
 Matamoros MEXIC 87490

Rev A: 6/14/2021
 MTR No: 193134
 Date: 3/11/2014 & 6/14/21
 Compound: NM072
 Batch: 0081010035
 Part Size: 2-214
 Specification: AMS-R-7362A
 Customer: Qualification
 Test Lab Location: PSDM
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LABORATORY TEST REPORT

	<u>Test Method</u>	<u>Spec Limits</u>	<u>Test Results</u>
ORIGINAL PHYSICAL PROPERTIES			
Hardness, Shore A, pts.	ASTM D2240	67-73	70
Tensile Strength, min. psi.	ASTM D1414	1265-2167	1799
Elongation min. %	ASTM D1414	176-354	309
Modulus min. %	ASTM D412	REPORT	502
Specific Gravity	ASTM D297	1.31 - 1.35	1.31
TR-10 -40 °F	ASTM D1329	-40 °F	-43°F
COMPRESSION SET TEST METHOD B			
22 Hrs. @ 257°F (125°C)	ASTM D395		
Original Deflection, max, 2-214 (0.139 cross-section)		55	29
HEAT AGED RESISTANCE, TEST			
70 HRS. @257°F (125°C)	ASTM D865		
Hardness Change ,max. pts.		0 to +20	+16
Tensile Strength, Change, max. %		20	+17
Elongation Change, max. %		60	-31
OIL AGED RESISTANCE, TEST			
70 HRS. @257°F (125°C)	ASTM D471		
Hardness Change ,max. pts.		±10	-3
Tensile Strength, Change, max. %		50	-9
Elongation Change, max. %		60	-23
Volume Change, max. %		2 to 15	+12
Teemperature retraction TR-10 °F		-30	-34°F
Compression set, percent max.		50	43
Cracking, diameter, inches, minimun (type I)		NO CRACKS	PASS
*4.6.1 CORROSION AND ADHESION TEST (2-214)			
Aluminium alloy: AMS-QQ-A-250/4		PASS	PASS
Brass: ASTM B 36		PASS	PASS
Phosphor Bronze: ASTM B 139		PASS	PASS
Steel: SAE AMS6345 Normalized or Otherwise Heat Treated		PASS	PASS

* This testing was performed at Lexington R&D Laboratory, Lexington KY (LTR102562)

"Statement of conformity is based on values taken as measured, that are within or without the prescribed tolerance limit.
 Parker OES PSDM Laboratory does not consider the reported or understood measurement uncertainty unless otherwise specified"

"The Results Relate Only to the items tested"
 "The Results apply to the sample as received"

"Purchaser use only. Reproduce only in full. Data pertains to items referenced only."
 "The recording of false, fictitious, or fraudulent statements or entries on this report may be punishable as a felony under federal law."

Tested By: 
 Vidal Cruz Hdz ., Laboratory Technician

Approved By:  (PA)
 Javier González., Laboratory Manager