



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

MTR No 169760  
 Date: 6/27/2013  
 Compound: VM125-75  
 Batch: 0081004198  
 Part Size: 2-214  
 Specification: AMS 7287  
 Test Lab Location: PSDM  
 Page: 1 of 1

## LABORATORY TEST REPORT



CONTACT US

### ORIGINAL PHYSICAL PROPERTIES

	<u>Test Method</u>	<u>Spec Limits</u>	<u>Test Results</u>
Hardness, Shore A, pts.	ASTM D2240	75±5	73
Tensile Strength, min. psi.	ASTM D1414	1600	1825
Elongation min. %	ASTM D1414	120	202
Specific Gravity		1.74 to 1.78	1.77

### FUEL B RESISTANCE, TEST

	<u>ASTM D471</u>		
<u>70 HRS. @73°F +/- 5 (23°C)</u>			
Hardness Change, max. pts.		-5 to +5	-3
Tensile Strength, Change, max. %		-30	-18
Elongation Change, max. %		-20	-11
Volume Change, max. %		1 to +10	+4

### DRY HEAT RESISTANCE, TEST

	<u>ASTM D573</u>		
<u>70 HRS. @527°F +/- 5 (275°C)</u>			
Hardness Change, max. pts.		-5 to +5	+1
Tensile Strength, Change, max. %		-35	-21
Elongation Change, max. %		-10	+7
Weight Loss, % max.		12	12

### COMPRESSION SET TEST METHOD B

	<u>ASTM D395</u>		
<u>22 HRS. @ 392 +/- 5°F (200°C)</u>			
Percent of Original Deflection, max			
Ring Cross Section Diameter			
0.139		20	9

### LONG-TERM COMPRESSION SET TEST METHOD B

	<u>ASTM D395</u>		
<u>336 HRS. @ 392 +/- 5°F (200°C)</u>			
Percent of Original Deflection, max			
Ring Cross Section Diameter			
0.139		50	44

### LOW-TEMP. RESISTANCE

	<u>ASTM D1329</u>		
<u>TEMPERATURE RETRACTION</u>			
TR-10 Point, max		-29°C (-20 °F)	-30 °C

### AMS 3085 Mobil Jet Oil 254 RESISTANCE, TEST

	<u>ASTM D471</u>		
<u>70 HRS. @392 +/- 5°F (200°C)</u>			
Hardness Change, max. pts.		-10 to 0	-3
Tensile Strength, Change, max. %		-35	-16
Elongation Change, max. %		-20	+13
Volume Change, max. %		+1 to +20	+15

### COMPRESSION SET TEST METHOD B

	<u>ASTM D395</u>		
<u>AMS 3085 70 HRS. @ 392 +/- 5°F (200°C)</u>			
Percent of Original Deflection, max		15	0

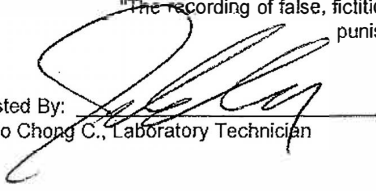
### \*Glass Transition by DSC °C

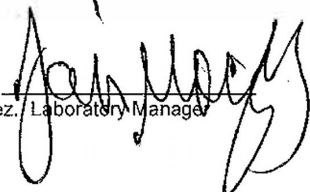
	<u>ASTM D7426</u>		
Inflection °C		29	-31

\*This Testing Was Performed at Lexington R & D Laboratory., Lexington Ky

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 Javier González, Laboratory Manager