



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

MTR NO: 220663
Rev Date: 3/5/15
Batch: N/A
Part Size: 2-214
Tested as: 2-214
Specification: AMS-R-25988 & MIL-DTL-25988
Customer: N/A
Test Location: PSDM
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Material Test Report

<u>Original Physical Properties</u>	<u>Test Method</u>	<u>AMS-R-25988 Limit</u>	<u>MIL-DTL-25988 Limit</u>	<u>Results</u>
Hardness, Shore A Pts.	ASTM D2240	70 ± 5	70 ± 5	70
Tensile Strength, min. psi	ASTM D1414	750	750	1417
Elongation min %	ASTM D1414	125	125	278
Specific Gravity	ASTM D297	As determined	As determined	1.46
Temperature Retraction, °F, max	ASTM D1329	-70	-70	-85
Heat Resistance Test				
<u>70 Hrs @ 392°F (200°C)</u>	ASTM D573			
Hardness Change, max. pts.		+10 to -5	+4	+4
Tensile Strength, Decrease max%		-25	-9	-9
Elongation Decrease, max%		-25	-8	-8
Weight Loss, % max		2	.05	.05
Compression Set Test Method B				
<u>70 Hrs @ 75°F (23°C)</u>	ASTM D395 B			
Over 0.110 inch		15	8	8
Compression Set Test Method B				
<u>22 Hrs @ 347°F (175°C)</u>	ASTM D395 B			
Over 0.110 inch		30	7	7
	ASTM D471			
AMS 3021 Resistance Test				
<u>70 Hrs @ 302°F (150°C)</u>				
Hardness Change, Max pts.		±15	-3	-3
Tensile Strength, Decrease max%		-40	-20	-20
Elongation Decrease, max%		-25	-17	-17
Volume Change, max%		1 to 15	+10	+10
COMPRESSION SET, MAX%				
Over 0.110 inch		30	11	11
TT-S-735 type III resistance test				
<u>22 Hrs @ 75°F (23°C)</u>	ASTM D471			
Hardness Change, max. pts.		-20		-2
Tensile Strength, Decrease, max%		-45		-35
Elongation Decrease, max%		-35		-28
Volume Change, max%		1 to 25		+16
AMS 2629, type I resistance test				
<u>22 Hrs. @ 75°F (23°C)</u>	ASTM D471			
Hardness Change, max pts.			-20	-1
Tensile Strength, Decrease max%			-45	-33
Elongation Decrease, max%			-35	-27
Volume Change, max%			1 to 25	+17

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