Parker Hannifin
O-Ring Division
2360 Palumbo Drive
Lexington, KY 40509

Jun 8, 2010

Dear Values Customer,

The Parker O-Ring Division is continually making improvements in our process to service our customers. In doing so, we have developed a new compound, SM355-75, to replace the now obsolete compound SO355-75. The new compound, SM355-75, is based on a modified SO355-75 and meets the AMS 7267 military specification. A laboratory report with SM355-75 results compared to the AMS 7267 requirements is attached. The goal is to provide you with the same high quality parts as you have been receiving and the move to compound SM355-75 will achieve this goal.

For further information, please contact your Parker Hannifin Customer Service Representative.

We appreciate your time and consideration in this matter and thank you for your continued us of our products.

Sincerely,

Linda Ziegler
Divisional Technology Manager
(859) 268-5059
cell 859-806-6934
fax 859-335-5129
lziegler@parker.com

O-Ring Division
2360 Palumbo Drive
Lexington, KY 40509
(859) 269-2351

Date:	6/8/2010
Compound:	SM355-75
Batch:	0031003092
Part Size:	T0606075/2-214
Specification:	AMS7267G
Customer:	
Test Lab Location:	Lexington
LTR:	71807
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LABORATORY TEST REPORT

Original Physical Properties	Test Method	Spec Limits	Test Results
Hardness, Shore A, pts.	ASTM D2240	75±5	75
Tensile Strength, psi	ASTM D1414	650	791
Ultimate Elongation, %	ASTM D1414	125	189
Specific Gravity, +/- 0.05	ASTM D297	1.34	1.34
Compression Set			
22 hrs. @ 225°C			
Percent of Original Deflection, max	ASTM D395 Method B		
0.066 to 0.110 inch		70	
Over 0.110 inch		60	32
Dry Heat Resistance			
(70 hrs. @ 250°C)			
Hardness Change, pts.	ASTM D573	-5 to +10	+4
Tensile Change, %		-30	-30
Elongation Change, %		-45	-35
Fluid Immersion			
IRM 901 Oil, (70 hrs. @ 175°C)			
Hardness Change, Shore A pts.	ASTM D471	-10 to +5	-4
Tensile Strength Change, %		-30	-20
Ultimate Elongation Change, %		-30	-21
Volume Change, %		0 to +15	+8
Corrosion	ASTM D1414	NIL	NIL
Low Temperature			
TR-10, °C, max	ASTM D1329	-42	-43
Compression Deflection ARDL			
20% Deflection @ 20 to 30 C	ASTM D575	200	331
At 250 C		150	237
Polymer Reversion ARDL			
Original	AMS7267G Para 4.5.2	75±5	77
Hardness change, max		-10	-1

Tested By: _____
Royce Bugg Lab Tech I

Approved By: _____
Linda Ziegler, Division Technical Director