



Purpose: To show conformance of Parco fluorocarbon compound 9005-75 to the requirements

of SAE J200 2HK715 B37 B38 E078 Z1.

Sequence: Tests as listed in specification.

Sec. of				ASTM Test
Spec.	Physical Property	<u>Requirements</u>	Result ⁽¹⁾	Method
	Original Properties			
Z1	Hardness, Shore A	75 ± 5	76	D2240
	Tensile strength, psi, min.	1500	1733	D412
	Ultimate elongation, pct.,min.	175	239	D412
	Heat Aging			
Basic	70 hours at 250°C (482°F)			D573
	Hardness change, pts., Shore A	± 15	0	
	Tensile strength change, pct.	± 30	-26	
	Ultimate elongation change, pct., max.	-50	17	
	Fluid Aging, IRM 903 Oil			
Basic	70 hours at 70°C (158°F)			D471
	Volume change, pct., max.	10	3	
	Compression Set			D395
B37	22 hours at 175°C (347°F)			Method B
	pct. of original deflection, max.	50	21	
	Compression Set			D395
B38	Compression Set 22 hours at 200°C (392°F)			Method B
D30	pct. of original deflection, max.	50	23	Method b
	pct. of original deflection, max.	50	23	
	Fluid Aging, Service Liquid No. 101			D.171
EO78	70 hours at 200°C (392°F)	45.1.5	_	D471
	Hardness change, pts., Shore A	-15 to 5	-7	
	Tensile strength change, pct., max.	-40	-20	
	Ultimate elongation change, pct., max.	-20	35	
	Volume change, pct.	0 to 15	11	

⁽¹⁾ Results transcribed from outside laboratory test report PN# 44503.

Conclusion: Parco fluorocarbon compound 9005-75 meets all the requirements of SAE J200

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Approved by:

Carl Horn, Quality Manager

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