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		<b>TEST REPORT COMPOUND S70428</b> MATERIAL: SILICONE RUBBER, USP CLASS VI DUROMETER: 70 COLOR: CLEAR ASTM* D2000 M2GE706 EA14 EO16 EO36 F19G G11 Z1 = USP CLASS VI		
SECTION OF SPEC.	PROPERTIES	REQUIREMENTS	TYPICAL RESULTS	ASTM TEST METHOD
	<b>ORIGINAL PHYSICAL PROPERTIES</b>			
	Hardness, (shoreA)	70±5	73	D2240-05
	Tensile Strength, (psi(MPa))	870(6)(min)	1543(10.64)	D412-06A
	Elongation, (%)	150(min)	541	D412-06A
	Modulus at 100%, (psi(MPa))		273(1.88)	D412-06A
	Specific Gravity, (g/cm <sup>3</sup> )		1.19	
G11	<b>TEAR RESISTANCE</b>	5kN/m(Die B)(min)	28.23	D624-00
	<b>WATER RESISTANCE</b>			
	<b>70 hours at 100°C</b>			
EA14	Hardness Change, pts.	±5	1	D471-12a
	Tensile Strength Change, %		-5	
	Elongation Change, %		-3.0	
	Volume Change, %	±5	0.3	
	<b>IRM 901 OIL</b>			
	<b>70 hours @ 150°C</b>			
EO16	Hardness Change, pts.	-10~0	-3	D471-12a
	Tensile Strength Change, %	-30(max)	-16	
	Elongation Change, %	-30(max)	-11	
	Volume Change, %	0~+15	4.6	
	<b>IRM 903 OIL</b>			
	<b>70 hours at 150°C</b>			
EO36	Hardness Change, pts.		-31	D471-12a
	Tensile Strength Change, %		-31	
	Elongation Change, %		-25	
	Volume Change, %	+60(max)	+46.1	
	<b>LOW-TEMP BRITTLNESS POINT TEST</b>			
	<b>3 minute @ -55°C</b>			
F19	Sample type: T-50	no-cracks	pass	D2137-11A
	Coolant: Isopropyl alcohol			
	Brittleness temperature to nearest 1°C			

\*American Society for Testing and Materials

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