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SECTION OF SPEC.	TEST REPORT FOR COMPOUND E70771			
	MATERIAL: ETHYLENE PROPYLENE (EPDM) WITH PTFE INTERNAL LUBRICANT - MEDICAL GRADE COLOR: WHITE / DUROMETER: 70 ASTM D2000 M5CA710 A25 B35 EA14 F17 G11			
SECTION OF SPEC.	PROPERTIES	REQUIREMENTS	TYPICAL RESULTS	ASTM TEST METHOD
	ORIGINAL PHYSICAL PROPERTIES			
	Hardness, (Shore A)	70±5	69	D2240-15
	Tensile Strength, psi(MPa)	1450(10)(min)	1549(10.68)	D412-16
	Elongation, (%)	200(min)	324	D412-16
	Modulus at 100%, psi(MPa)		608(4.19)	D412-16
	Density, (Mg/m ³)		1.26	CNS 5341-96A
G11	TEAR RESISTANCE DIE B (kN/m)	26(min)	26.42	D624-00
	HEAT AGE			
	70 hours @ 125°C			
A25	Hardness Change, pts.	+10(max)	0	D865-11
	Tensile Strength Change, %	-20(max)	-3	
	Elongation Change, %	-40(max)	+2	
	Weight Change, %		+0.2	
	COMPRESSION SET			
B35	22 hours @ 125°C	50%(plied)(max)	14.4	D395-18B
	WATER RESISTANCE			
	70 hours @ 100°C			
EA14	Hardness Change, pts.		-3	D471-16a
	Tensile Strength Change, %		-13	
	Elongation Change, %		+6	
	Volume Change, %	±5	+0.4	
	LOW-TEMP BRITTLE POINT TEST			
	3 minutes @ -40°C			
F17	Sample Type: T-50			D2137-11C
	Coolant: Isopropyl Alcohol			
	Low Temperature Property	no-cracks	pass	

*American Society for Testing and Materials

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