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TECHNICAL REPORT EP70

Purpose: To show conformance to EP 70 Durometer to the requirements of
 ASTM D2000 M5CA 710 A25 B35 EA14 F18

<u>Spec. Method</u>	<u>Physical Property</u>	<u>Requirements</u>	<u>Results</u>	<u>ASTM Test</u>
	Hardness, Shore A, pts.	70 +/- 5	73	D2240
	Tensile Strength, psi. min.	1450	2282	D412
	Elongation, % min.	200	235	D412
A25	<u>HEAT AGE</u> <u>70 HRS. @ 257°F</u>			
	Hardness Change, pts., max.	+10	+4	
	Tensile Change, %, max.	-20	-6.4	
	Elongation Change, %, max.	-40	-2.1	
A25	<u>HEAT AGE</u> <u>70 HRS. @ 257°F</u>			
	Hardness Change, pts., max.	+10	+4	
	Tensile Change, %, max.	-20	-6.4	
	Elongation Change, %, max.	-40	-2.1	
B35	<u>COMPRESSION SET,</u> <u>22 HRS. @ 257°F</u>			
	% of Original Deflection	50% max.	8.25%	
EA14	<u>FLUID IMMERSION, WATER,</u> <u>70 HRS. @ 212°F</u>			
	Volume Change, %	+/- 5	+ .8	
F18	<u>LOW TEMP</u> <u>BRITTLENESS</u> <u>ASTM D2137</u>			
	3 min. @ -40°F	Pass	Pass	