

Specification: ASTM D2000 M4CA 710 A25 B35 EA14 F19

Cure System: Peroxide

NOTE: All testing done on slabs and buttons.

Original Properties	Specification	Typical Value
Hardness, Shore A	70±5	71
Tensile Strength, psi	1450 (min)	2164
Ultimate Elongation, %	200 (min)	257
Modulus @ 100% Elongation, psi		564
Modulus @ 200% Elongation, psi		1521
Tear Strength, kgf/cm		36
Specific Gravity, g/cm ³		1.165
Color		Black
Heat Resistance - A25, ASTM D 573 (70 hrs @ 125 °C)		
Hardness Change, points	+10 (max)	+1
Tensile Strength Change, %	-20 (max)	+2
Elongation Change, %	-40 (max)	-2
Volume Change, %		0
Compression Set - B13, ASTM D 395 Method B (22 hrs @ 125 °C)		
Permanent Set, %	70 (max)	17
Fluid Resistance, Water - EA14, ASTM D 471 (70 hrs @ 100 °C)		
Hardness Change, points		-2
Tensile Strength Change, %		+1
Elongation Change, %		+2
Volume Change, %	+/- 5	+2
Low Temperature Resistance - F19, ASTM D 2137 Method C, 9.3.3		
Non-brittle after 3 min @ -55°C	pass	pass

The information contained herein is believed to be reliable, but no representation, guarantees or warranties of any kind are made to its accuracy or suitability for any purpose. The information presented herein is based on laboratory testing and does not necessarily indicate end product performance. Full scale testing and end product performance are the responsibility of the user.



DICHTOMATIK
AMERICAS

1087 Park Place
Shakopee, MN 55379
800-328-2840
www.dichtomatik.us