

Date: Mar-16

Specification: ASTM D2000 M3HK910 A1-10 B38 EO78 EF31 Z1 Z2

Z1: BROWN Color

NOTE: All testing done on slabs and buttons.

Original Properties	Specification
Hardness, Shore A	90±5
Tensile Strength, psi	1450 (min)
Elongation, % <b>Z2</b>	70 (min)
Color, <b>Z1</b>	Brown

  

Heat Resistance - <b>A1-10</b> , ASTM D 573 (70 hrs @ 250°C)	
Hardness Change, points	+10
Tensile Strength Change, %	-25
Elongation Change, %	-25

  

Compression Set, % - <b>B38</b> , ASTM D 395 Method B (22 hrs @ 200°C)	
Permanent Set, %	50 (max)

  

Fluid Resistance, ASTM #101 Oil - <b>EO78</b> , ASTM D 471 (70 hrs @ 200°C)	
Hardness Change, points	-15 to +5
Tensile Strength Change, %	-40 (max)
Elongation Change, %	-20 (max)
Volume Change, %	0 to +15

  

Fluid Resistance, ASTM Fuel C - <b>EF31</b> , ASTM D 471 (70 hrs @ 23°C)	
Hardness Change, points	±5
Tensile Strength Change, %	-25 (max)
Elongation Change, %	-20 (max)
Volume Change, %	0 to +10



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