



MATERIAL DATA SHEET

Material ref: FK8077

Description: 90 duro BROWN FKM/Dupont Viton® Base

Typical Properties

**Specification: ASTM D2000 M7HK910 A1-10 B38 EF31 EO16 Z1-DuPont Viton® Base Polymer
Z2-BROWN**

<u>ORIGINAL PROPERTIES</u>	<u>VALUE</u>
Tensile Strength, MPa, ASTMD412	14.6
Elongation, %, ASTMD412	109
Hardness, Shore A, ASTMD2240	88
Specific Gravity, ASTM D297	2.27
<u>COMPRESSION SET, METHOD B</u>	
<u>22 HOURS @ 200C</u>	
% Set, ASTMD395B (Button)	15
<u>FLUID RESISTANCE ASTM#3 OIL</u>	
<u>70 HOURS @ 150C</u>	
Change in hardness, points, ASTMD2240	3
Change in tensile, %, ASTM D471	14
Change in elongation, %, ASTM D471	-6
Change in volume, %, ASTM D471	-1
<u>FLUID RESISTANCE ASTM FUEL C</u>	
<u>70 HOURS @ 23C</u>	
Change in hardness, points, ASTM D2240	-1
Change in tensile, %, ASTM D417	-3
Change in Elongation, %, ASTM D471	2
Change in volume, %, ASTM D471	1
<u>AIR AGING/ASTM D573</u>	
<u>70 HOURS @ 250C</u>	
Change in hardness, points, ASTM D2240	6
Change in tensile, %, ASTM D417	-12
Change in Elongation, %, ASTM D471	-14

DATA IS DERIVED FROM ASTM SLABS AND BUTTONS

REVISION DATE: 6/1/05