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VITON 75 (DuPont)

Viton® Genuine DuPont Polymer
Bisphenol Cured
Standard Colour: **Black**
Service temperature: -20°C to +200°C
Agency listed: UL listed file JMLU2.MH47115

ASTM D2000 M6HK710 A1-10 B38 EF31 EO78 Z1 Z2

Physical properties	Unit	Test method	Requirement	Test result
Hardness shore	A	D2240-15	75± 5	78
Tensile strength	MPa	D412-16	10 (min)	13.90
Elongation	%	D412-16	175 (min)	210
Modulus 100%	MPa	D412-16		6.09
Density	Mg/m^3	CNS 5341-96 method A		1.84
Heat ageing, 70hrs at 250°C				
Hardness change points	points	D573	+10 (max)	0
Tensile strength change	%	D573	-25 (max)	-7
Elongation change	%	D573	-25 (max)	-13
Weight change	%	D573		-1.7
Compression set, method B				
22hrs at 200°C %	%	D395	15% (piled) (max)	13.4
Fuel resistance, ASTM Fuel C, 70hrs at 23°C				
Hardness change	points	D471	±5	-2
Tensile strength change	%	D471	-25 (max)	-11
Elongation change	%	D471	-20 (max)	-5
Volume change	%	D471	0/+10	+3
ASTM Oil 101, 70hrs at 200°C				
Hardness change	points	D471	-15/+5	-7
Tensile strength change	%	D471	-40 (max)	-5
Elongation change	%	D471	-20 (max)	0
Volume change	%	D471	0/+15	+9.4