



**Coru149/75-G Black High Temperature Genuine Viton® (DuPont A) Rubber 75° shore**

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	2.00 ± 0.05	ASTM D297	2.00 ± 0.05
HARDNESS	DIN 53505	75 ± 5 SH A	ASTM D2240	75 ± 5 SH A
TENSILE STRENGTH (KG/CM2)	DIN 53504	855 PSI	ASTM D412	50 KG/CM2
ELONGATION AT BREAK ( MIN )	DIN 53504	200%	ASTM D412	200%
COMPRESSION SET (70°C/24 HRS/25% SET) (MAX)	DIN 53517	55%	ASTM D395 METHOD B	55%
POLYMER CONTENT (%)				100
CHANGE IN PROPERTIES				
HEAT AGEING ( 48 HRS. AT 150 °C )			ASTM D573	
--- HARDNESS (PTS)		+ 5 (MAX)		+ 5 (MAX)
--- TENSILE STRENGTH (%)		+ 15		+ 15
--- ELONGATION AT BREAK (%)		+25 / -25		+25 / -25
VOLUME SWELL : AT 150°C FOR 24 HRS/IN			ASTM D 471	
ASTM OIL NO.1		-8%		-8%
ASTM OIL NO.2		-1%		-1%
ASTM OIL NO.3		+6%		+6%
CHEMICAL RESISTANCE				
--- OZONE		EXCELLENT	ASTM D 1149	EXCELLENT
--- DILUTE ACIDS AND BASES		EXCELLENT		EXCELLENT
--- CONCENTRATED ACIDS AND BASES		EXCELLENT		EXCELLENT
--- OILS		VERY GOOD		VERY GOOD
--- SOLVENTS		VERY GOOD		VERY GOOD
TEMPERATURE RANGE		-20° TO + 275° C		-20° TO + 275° C
COLOUR		GREEN		