



**Coru279 – Blue Food Quality GENUINE Viton® (DuPont A) Rubber 65° shore
FDA 21 CFR No: 177 – 2600, EU1935/2004.**

PROPERTIES	TEST METHOD	VALUES FPS UNITS	TEST METHOD	VALUES METRIC UNITS
SPECIFIC GRAVITY	DIN 53508	1.95 ± 0.05	ASTM D297	1.95 ± 0.05
HARDNESS	DIN 53505	65 ± 5 SH A	ASTM D2240	65 ± 5 SH A
TENSILE STRENGTH (KG/CM2)	DIN 53504	853 PSI	ASTM D412	60 KG/CM2
ELONGATION AT BREAK (MIN)	DIN 53504	350%	ASTM D412	350%
COMPRESSION SET (150°C/24 HRS/25% SET) (MAX)	DIN 53517	40%	ASTM D395 METHOD B	40%
CHANGE IN PROPERTIES				
HEAT AGEING (72 HRS. AT 150 °C)			ASTM D573	
--- HARDNESS (PTS)		+ 5 (MAX)		+ 5 (MAX)
--- TENSILE STRENGTH (%)		+ 10 / -10		+ 10 / - 10
--- ELONGATION AT BREAK (%)		+15 / -15		+15 / -15
VOLUME SWELL : AT 150°C FOR 24 HRS/IN			ASTM D 471	
IRM OIL NO.901		-6%		-6%
IRM OIL NO.902		-1%		-1%
IRM OIL NO.903		+5%		+5%
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		-30° TO + 275° C		-30° TO + 275° C
COLOUR		RAL 5012 BLUE		