



**Coru213 Black Hydrogenated Nitrile 70° shore**

Properties	Test Method	Values	Tested Method	Values
		FPS Units		Metric Units
Specific Gravity	DIN 53509	1.20 ± 0.05	ASTM D297	1.20 ± 0.05
Hardness	DIN 53505	70 ± 5 Sh A	ASTM D2240	70 ± 5 Sh A
Tensile Strength (min)	DIN 53504	1422 PSI	ASTM D412	100kg/cm <sup>2</sup>
Elongation at Break (min)	DIN 53504	200%	ASTM D412	200%
Compression Set (70°C/24hrs/25% set) (max)	DIN 53517	50%	ASTM D395	50%
			Method B	
Tear Resistance (Angular) (min)	DIN 53515	250lbs/inch	ASTM D624	45kg/cm
Change in Properties				
Heat Ageing (72 hrs at 70°C)			ASTM D573	
- Hardness (Pts)		+2 (Max)		+2 (Max)
- Tensile Strength (%)		+5		5
- Elongation at Break (%)		±10		±10
Volume Swell: At 70°C for 72 hrs/in			ASTM D471	
IRM No.901		1%		1%
IRM No.902		5%		5%
IRM No.903		10%		10%
Polymer Content (Hydrogenated Chemical Resistance)		100%		100%
- Ozone		Excellent	ASTM D1149	Excellent
- Dilute Acids and Bases		Excellent		Excellent
- Concentrated Acids and Bases		Fair		Fair
- Oils		Excellent		Excellent
- Solvents		Good		Good
Temperature Range		-30° to 150°C		-30° to 150°C
Colour		Black		Black