

RS-65N NITRILE

TECHNICAL SPECIFICATION				
PROPERTIES	TEST METHOD	VALUES		
		FPS UNITS	METRIC UNITS	
SPECIFIC GRAVITY	ASTM D297	1.35	1.35	
HARDNESS	ASTM D2240	65± 5 Sh A	65 ± 5 Sh A	
TENSILE STRENGTH (min)	ASTM D412	1425 PSI	100 kg/cm ²	
ELONGATION AT BREAK (min)	ASTM D412	350%	350%	
COMPRESSION SET (70°C/24 hrs/25% set) (max)	ASTM D395 METHODB	0.25	25%	
TEAR RESISTANCE (Angular) min	ASTM D624	168 lbs/inch	30 kg/cm	
CHANGE IN PROPERTIES				
HEAT AGING (72 hrs at 70°C)	ASTM D573			
– HARDNESS (Pts)		+5 (max)	+5 (max)	
– TENSILE STRENGTH (%)		+10 /-10	+10 /-10	
– ELONGATION AT BREAK (%)		+10 /-20	+10 /-20	
VOLUME SWELL: AT 70°C FOR 72 HRS/IN	ASTM D471			
ASTM OIL NO.1		-0.03	-0.03	
ASTM OIL NO.2		+1%	+1%	
ASTM OIL NO.3		+9%	+9%	
POLYMER CONTENT (HYPALON)		1	1	
CHEMICAL RESISTANCE				
– OZONE	ASTM D1149	FAIR	FAIR	
– DILUTE ACIDS AND BASES		GOOD	GOOD	
– CONCENTRATED ACIDS AND BASES		NOT RECOMMENDED	NOT RECOMMENDED	
– OILS		EXCELLENT	EXCELLENT	
– SOLVENTS		GOOD	GOOD	
TEMPERATURE RANGE		-30° to +110° C	-30° to +110° C	
COLOUR		BLACK	BLACK	