

Hypalon Rubber

TECHNICAL SPECIFICATIONS				
QUALITY : HYPLON CODE: HN 65140				
PROPERTIES	TEST METHOD	VALUES		
		FPS UNITS	METRIC UNITS	
SPECIFIC GRAVITY	ASTM D297	1.40	DIN 53508	1.40
HARDNESS	ASTM D2240	65 ± 5 Sh A	DIN 53505	65 ± 5 Sh A
TENSILE STRENGTH (min)	ASTM D412	1425 PSI	DIN 53504	100 kg/cm ²
ELONGATION AT BREAK (min)	ASTM D412	350%	DIN 53504	350%
COMPRESSION SET (70°C/24 hrs/25% set) (max)	ASTM D395 METHOD B	40%	DIN 53517	40%
TEAR RESISTANCE (Angular) min	ASTM D624	140 Lbs/inch	DIN 53515	25 Kg/cm
CHANGE IN PROPERTIES				
HEAT AGEING (72 hrs. AT 70°C)	ASTM D573			
— HARDNESS (Pts)		+ 3 (Max)		+ 3 (Max)
— TENSILE STRENGTH (%)		+ 10 / - 10		+ 10 / - 10
— ELONGATION AT BREAK (%)		+ 10 / - 10		+ 10 / - 10
VOLUME SWELL : AT 70°C FOR 72 HRS/IN	ASTM D 471			
ASTM OIL NO.1		+ 10%		+ 10%
ASTM OIL NO.2		+ 18%		+ 18%
ASTM OIL NO.3		+ 25%		+ 25%
POLYMER CONTENT (HYPALON)				
CHEMICAL RESISTANCE				
— OZONE	ASTM D 1149	EXCELLENT		EXCELLENT
— DILUTE ACIDS AND BASES		EXCELLENT		EXCELLENT
— CONCENTRATED ACIDS AND BASES		GOOD		GOOD
— OILS		GOOD		GOOD
— SOLVENTS		FAIR		FAIR
TEMPERATURE RANGE		-35° to + 130° C		-35° to + 130° C
COLOUR		BLACK		BLACK

Find out more at jaharrison.co.uk