

Material

NBR - Blend

Physical

PROPERTY	RATING / DESC	TEST METHOD
Cell Structure	Fine – Semi Closed Cell	
Density	75-90 kg/m ³ (+/-10%)	ASTM D/1667
Tensile Strength	2.8kgf/cm ²	ASTM D/412*
Elongation	180%	ASTM D/412*
Compression Set	1.5%	ASTM D/1056*
Tear Strength	1.2kgf/cm	ASTM D/624*
Temperature Limit(s)	-40°C / +150°C	
Ozone Resistance	Excellent	ASTM D1171 / JIS K6301
Fire Resistance	Self-Extinguishing V-0, 5VA	ASTM D635 UL94 / JIS K6911*
Weather & UV Resistance	Good	
Toxicity	3.075	NES 713*
Sound Absorption	Good / Excellent	
Chemical Resistance	Good	
Mildew Resistance	No Fungal Growth / Good	
Odour	Negligible	
Production Process	CFC, Asbestos, Chlorine & Fibre Free	

Notes:

ASTM – International standard

JIS K – Japanese standard

UL – Approval – Passes USA test result

NES – UK Naval Engineering Standard (Toxicity)

*** In house test – material conforms to related test/standard**