

Neoprene Sponge

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BASE RUBBER

NEOPRENE

DESC.	STANDARD	VALUE	UNIT
ASTM D1056-14 Classification	2C2 B3 M		
Density	ASTM D3575	140-190	Kg/m3
Compression Deflection (25%)	ASTM D1056	35-60	kPa
Compression Deflection (50%)	ASTM D1056	70-120	kPa
Compression Set (25% / 22h / 23°C) –after 24hrs	ASTM D1056	2-5	%
Compression Set (50% / 22h / 23°C) –after 24hrs	ASTM D1056	15-35	%
Shrinkage (22h / 70°C)	ASTM D573	4-8	%
Shore Hardness		40-50	00
Elongation	ASTM D412	180-220	%
Temperature Range (Constant)		-40 / +75	°C
Temperature Range (Intermittent)		+90	°C
Water Absorption (Max Weight Change)	ASTM D1056	1-2	%
Tensile Strength	ASTM D412	500-550	kPa
Flame Resistance (>3mm)	FMVSS302	Pass	
Environmental Protection		CFC & HCFC FREE	