

Technical Data Sheet

Natural Rubber Sponge (WCM2117)

SPONGE & FOAM

POLYMER: Natural Rubber

PHYSICAL PROPERTIES

CELL STRUCTURE: Open Cell

DENSITY: 390 Kg/m³ (Avg.)

HARDNESS: 12-15 Sh A

TEMPERATURE RANGE: -40° - +70° C
 (Intermittent Temp. 85° C)

TENSILE STRENGTH: 295 KPa (Approx.)

COMPRESSION DEFLECTION @25%: 5-9 PSI (Approx.)

COMPRESSION SET: 15% Max.
 50% Deflection @ 70° C

ELONGATION: >235 - 250%

ACCELERATED AGEING: +/- 20%
 % Change in Compression Deflection @ 70%



RESISTANCE

OZONE: Poor

OIL: Poor

ACIDS: Medium/Good

ALKALIS: Good

Open-cell sponge rubber possesses an interconnected cell structure which will permit limited absorption and circulation of gases and fluids. The outer surface of the material is continuous (rather than porous) and exhibits good physical durability.

As air can pass freely between its cells, this grade of sponge offers a high degree of compressibility and displays fast recovery upon release from compression.

Open-cell sponge is absorbent and should not be used where resistance to fluid penetration is required, unless protected with a surface coating.

Care should be taken in selecting the most suitable quality for each application. Advice is available, but final responsibility remains with the customer.

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