

Technical Data Sheet

EPDM Sponge (WCM316)

SPONGE & FOAM

POLYMER: EPDM

PHYSICAL PROPERTIES

SPECIFICATION: 2A1/2 B2CP/
 ASTM DD1056-00/AFNOR99-211 2C08 B3 C2

CELL STRUCTURE: Closed Cell

DENSITY: 90-140 Kg/m³

COMPRESSION SET: <25%
 50% 22 Hrs 23°C

TEMPERATURE RANGE: -40° - +90°C
 (Intermittent Temp. 110°C)

TENSILE STRENGTH: >300 Kpa

COMPRESSION DEFLECTION: 20-50 KPa
 @25% Deflection

WATER ABSORPTION: <5%

FLAMMABILITY: (FMVSS 302) Burn Rate <100mm - Pass

RESISTANCE

AIR & UV: Excellent

OIL: Poor

ACIDS: Good

ENVIRONMENTAL PROTECTION: CFC & HFC Free—Recyclable

EPDM sponge is the material of choice when resistance to Ozone, weathering and UV are the prime concerns.

It performs better in these areas than either Neoprene or EPDM/Neoprene blends.

It is a flexible product, which can also dampen vibration, has good acoustic and sound deadening properties and has shock / energy absorbent qualities. Materials available from block, sheet or split into a continuous roll as well as strip, gasket and cut parts to specified shapes and sizes, either plain or with a range of self-adhesive backings.



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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