

Technical Data Sheet

CR/EPDM Blend Sponge (WCM150)

SPONGE & FOAM

POLYMER: CR (Neoprene)/EPDM

PHYSICAL PROPERTIES

CELL STRUCTURE: Closed Cell
DENSITY: 150 Kg/m³ (Avg.)
HARDNESS: 40 Sh OO
TEMPERATURE RANGE: -30° - +90° C (Intermittent Temp. 105° C)
TENSILE STRENGTH: 5.0 N/cm² (Approx.)
COMPRESSION DEFLECTION: 40 KPa (Approx.)
WATER ABSORPTION: 2% Volume
ULTIMATE ELONGATION: >160%

RESISTANCE

OZONE: Excellent
AIR & UV: Excellent
FIRE/FLAMMABILITY: Pass (FMVSS302)
OIL: Medium/Good
ACIDS: Medium/Good
ODOUR: Negligible
ENVIRONMENTAL PROTECTION: CFC & HFC Free—Recyclable

Blended sponge can be a more economical, as well as being a highly versatile product taking strengths from both materials it is manufactured from. Blends have excellent UV and water resistance, while sealing against oils, alkalis, and acids too. Blended rubbers also offer an advantage over standard EPDM - with greater Fire retardancy levels.

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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