

# VC-PAD-5015



## Resin bonded cork & recycled rubber

VC-PAD-5015 is an engineered composite with cork and polymeric matrix structure.

This product is suitable for vibration control in construction, used in the form of a cube, as discrete isolators in the decoupling of floating floors.

### TEMPERATURE

Range -10 / +100°C (+14 / 212 °F)

### TECHNICAL FEATURES

Density (kg/m³) ①	600 (40 lb/ft³)
Shore hardness (Shore A) ②	60–70
Elongation at break (%) ③	> 15
Tensile strength (MPa) ③	> 0,7 (>102 psi)
Compression set 50%/23°C/70h (%) ④	< 15
Compressibility at 0,7 MPa (%) ⑤	35–50
Recovery at 0,7MPa (%) ⑤	> 70

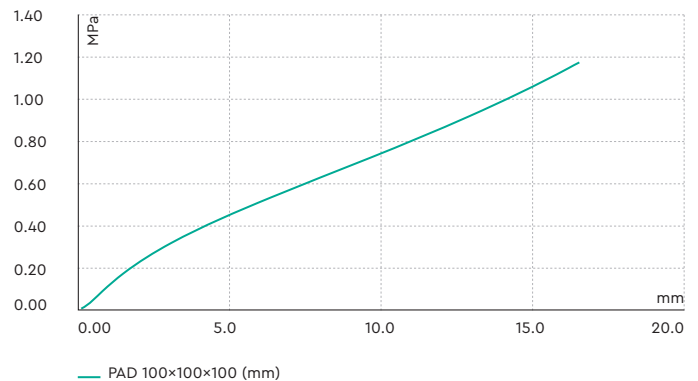
① ASTM D297 ② ASTM D2240 ③ ASTM F152 ④ DIN 53572 ⑤ ASTM F36



### FEATURES

- ▶ Long term durability
- ▶ Low natural frequency / High vibration isolation
- ▶ Low water absorption
- ▶ Low creep rate

### DEFLECTION



### MATERIAL DATA SHEET VC-PAD-5015

The data provided in this Material Data Sheet represents typical values. This information is not intended to be used as a purchasing specification and does not imply suitability for use in a specific application. Failure to select the proper product may result in either equipments damage or personal injury. Please contact Amorim Cork Solutions regarding specific application recommendations. Amorim Cork Solutions expressly disclaims all warranties, including any implied warranties or merchantability or of fitness for a particular purpose. Amorim Cork Solutions is not liable for any indirect special, incidental, consequential, or punitive damages as a result of using the information listed in this MDS. Any of its material specification sheets, its products or any future use or re-use of them by any person or entity. For contractual purposes, please request our Product Specifications Sheet (PDA).