TDS.CORK.TICOAV.1047

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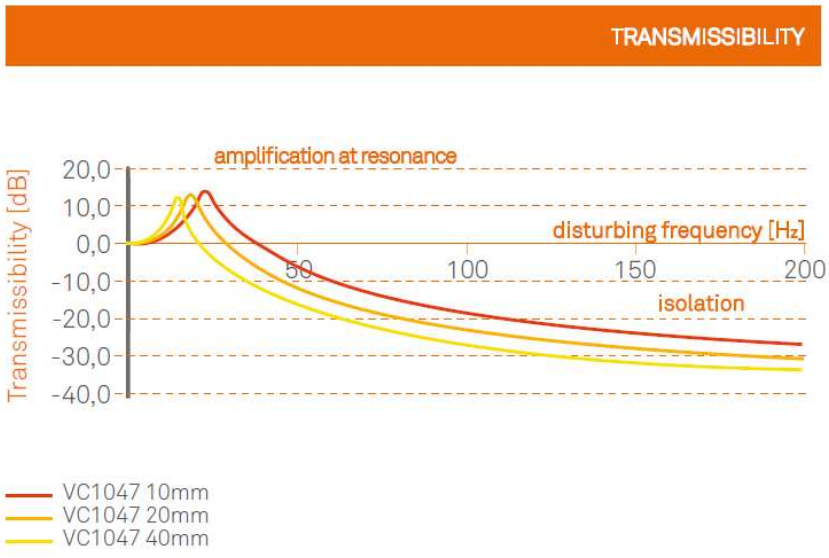
RED TICO AV CORK 1047

TEST METHOD	PROPERTY	UNIT	VALUE
ASTM D 2240	HARDNESS	SHORE A	70
ASTM D 1315	DENSITY	Kg/M³	780
ASTM F 152	TENSILE STRENGTH	(MPa)³	2.5
	MAXIMUM LOAD	MPa	1.5
	WORK LOAD RANGE	MPa	0.25 to 1.0
	TEMPERATURE RANGE	°C	-25 TO + 120

Engineered as a vibration control pad material, specifically formulated for continuous long life performance.

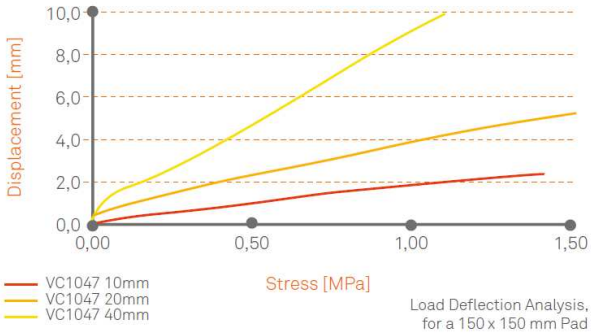
GENERAL INFORMATION

Engineered as a vibration control pad material, specifically formulated for continuous long life performance.

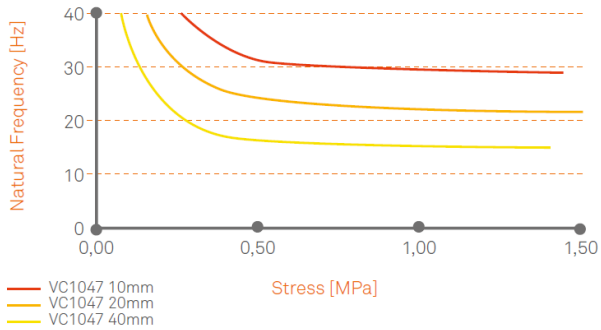


Transmissibility Analysis, for a 150 x 150 pad

Read the Transmissibility by projecting a vertical line from the disturbing frequency to intercept the curve.



Load Deflection Analysis,
for a 150 x 150 mm Pad



Natural Frequency for a 150 x 150 mm Pad,
obtained in a dynamic test

Pad Stress

Calculate Pad Stress in MPa (or N/mm^2):

$$\text{Stress in MPa} = \frac{\text{Weight of machine in kg x 9.8}}{\text{Total Pad area in } mm^2}$$

- Project vertical line from calculated stress to intercept the curve
- Read deflection (mm) of vertical axis of graph
- Total Pad area = number of Pads x Pad area

Pad Natural Frequency

Natural frequency of Pad:

- Calculate stress on Pad in MPa (see above)
- Project vertical line from calculate stress to intercept the curve
- Read natural frequency (fn) on vertical axis

RoHS Compliant