

GENIEMAT[®] LDM5

BUILDING FOUNDATION ISOLATION



PRODUCT SPECIFICATION

PRODUCT NAME: GenieMat LDM5

DESCRIPTION: Dynamically soft mixed cellular polyether-urethane capable of withstanding high loads. Used when superior lateral vibration decoupling is required for building isolation.

APPLICATION:

- Lateral vibration decoupling pad to be used at the caisson wall for building isolation.
- Hard heavy impact isolation

FEATURES AND BENEFITS:

- Dynamically soft for excellent vibration isolation
- Mold, bacteria, fungi, and water resistant
- No potential mold-producing fiberglass
- Will not break down or move under load
- Easy to install

DIMENSION: Sheets: 610mm x 1220 mm (24" x 48")

THICKNESS: 50 mm (2")

SHEET AREA: 0.74 m² (8 ft²)

LEAD TIME: 4 weeks after receipt of order

CONTACT US

For Your Project Specific Questions
T. 416.449.0049 | E. info@pliteq.com

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TECHNICAL DATA

STATIC LOAD LIMIT:	26 kPa
PEAK LOAD LIMIT:	1.0 MPa
CREEP RATE:	1.1 % per decade
MECHANICAL LOSS FACTOR:	0.22
TEMPERATURE STABILITY:	-30°C to +70°C (-20°F to +160°F)
THERMAL CONDUCTIVITY:	0.06 W/m °C
R-VALUE @ 2":	4.7 ft ² h °F/Btu

OPERATING LOAD	0.02 MPA LOADING	0.04 MPA LOADING
NATURAL FREQUENCY:	11 Hz	8 Hz
40 Hz DYNAMIC MODULUS:	0.65 MPa	0.55 MPa
DEFLECTION:	3 mm	11 mm

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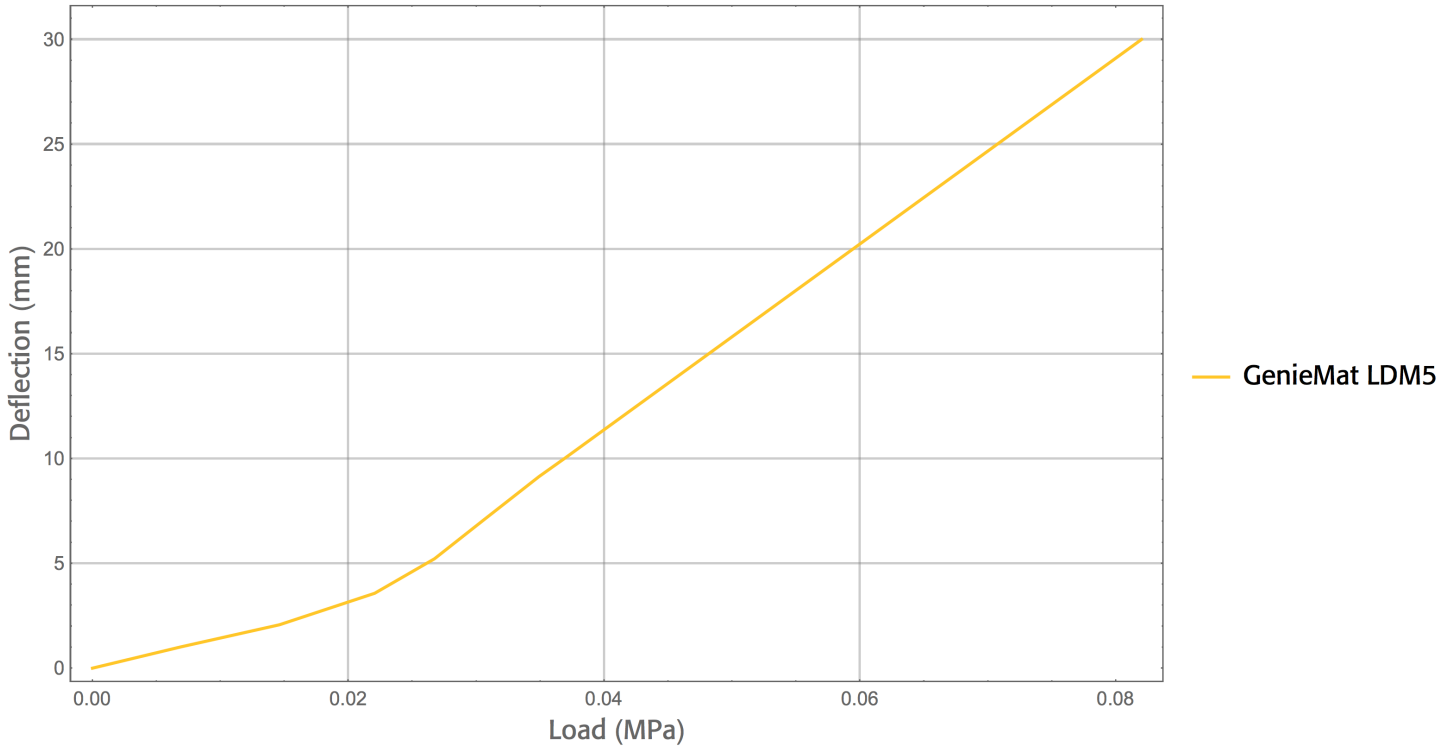
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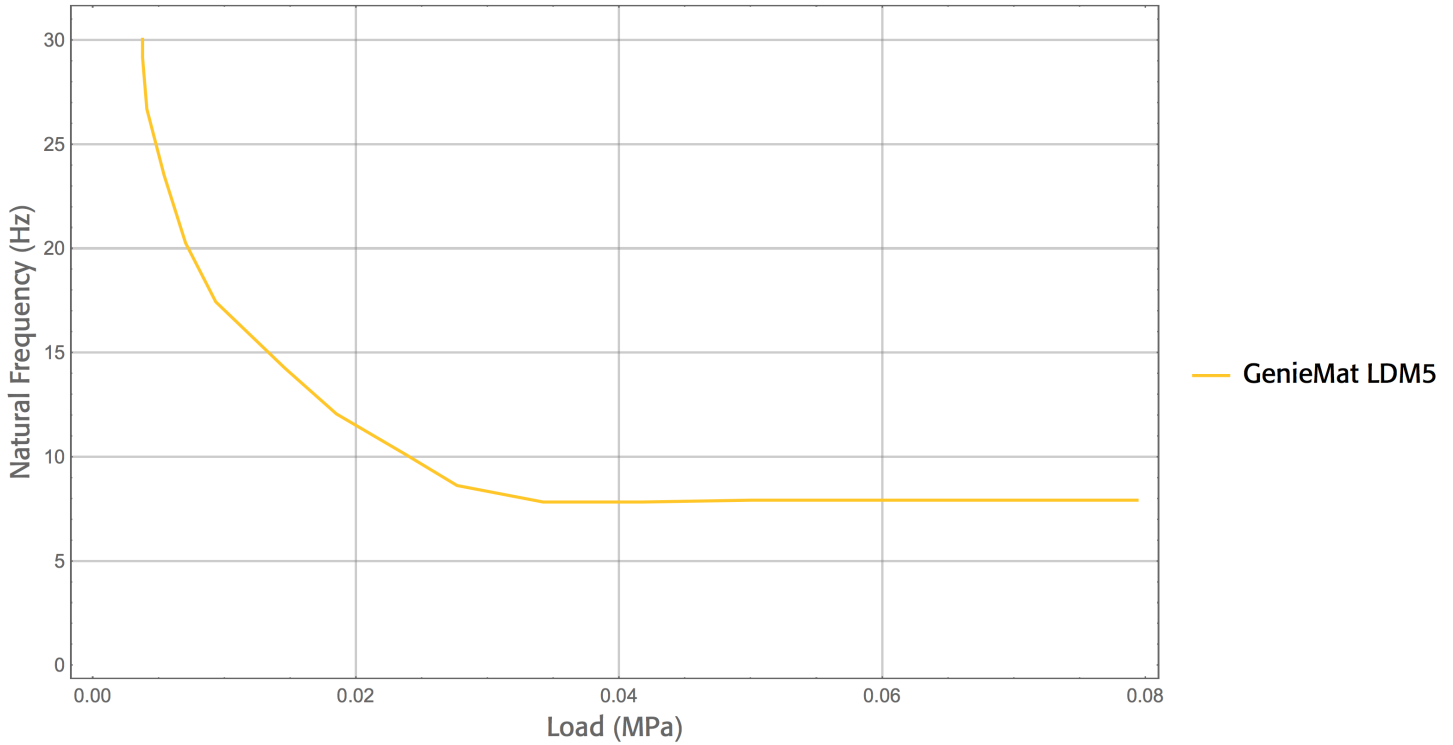
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