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ABOUT OUR COMPANY

Dr. Dietrich Müller GmbH is a global solution provider for electrical insulation materials, thermally conductive products, seals and technical films.

We advise on the selection of the right material and manufacture precision parts from flexible and rigid materials. We operate 6 sites and provide services to companies around the world.

We are ISO 9001 and ISO 14001 certified and UL listed as a repackager (E341377).

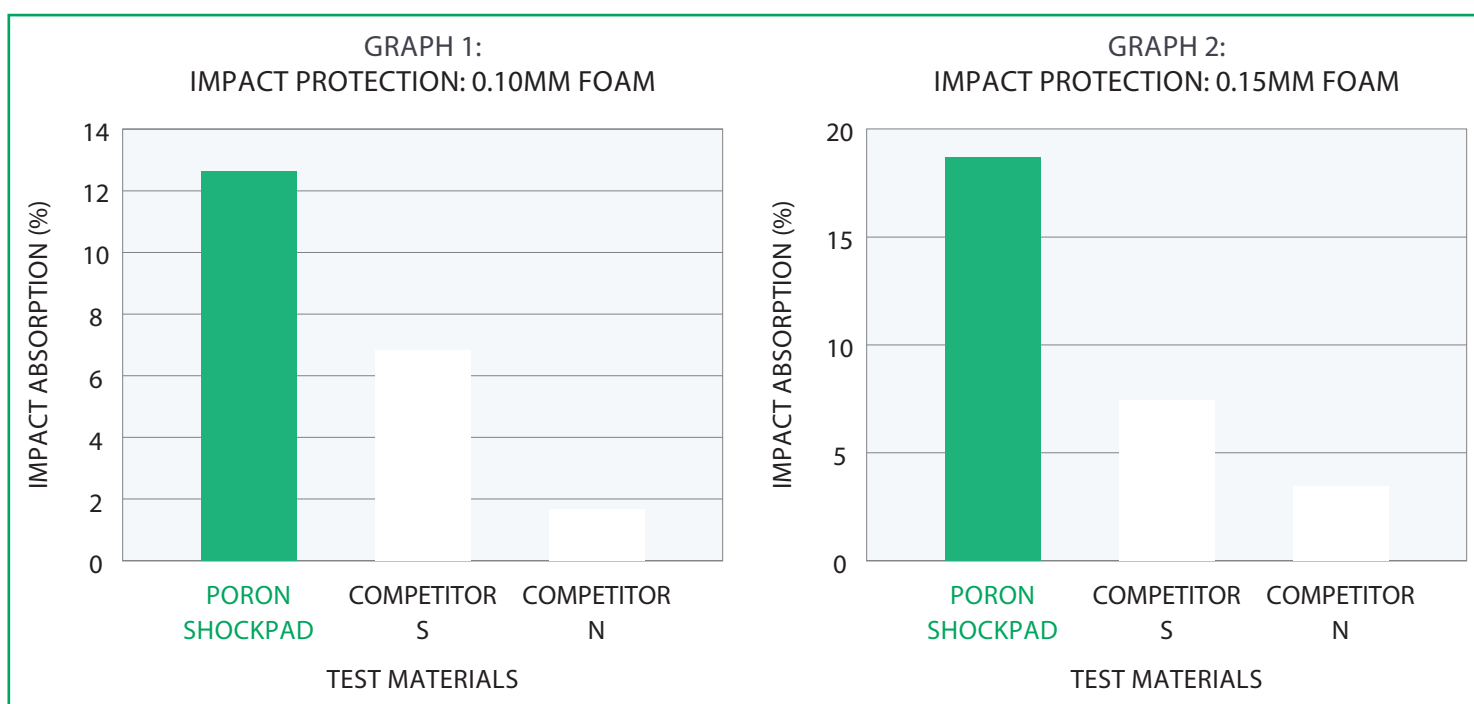
Dr. Dietrich Müller GmbH

PORON® ShockPad Foam (0.10mm & 0.15mm)

DATA SHEET

The trend toward thinner mobile devices drives the search for space-saving impact solutions. As a result of these compact designs, the display, the printed wiring board, and other electrical components are crowded into very thin spaces. While a variety of materials can fill tight gaps, none have exhibited the type of vital impact protection seen in PORON® ShockPad foams.

These results show PORON ShockPad material outperforms competitors by up to 7 times!



PORON ShockPad (0.10mm and 0.15mm) foam not only absorbs a significant amount of impact force, but displays excellent compression set resistance, is easy to process, and performs reliably over the life of the final product. To learn more, visit: Rogerscorp.com/ShockPad or contact your local sales representative.

The impact data above was compiled using the following test conditions:

Impacting Object: 4.3 g acrylic ball

Height of Drop: 30.5 cm

Procedure: The acrylic ball is dropped directly on the test material and the impact force is measured.

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DATA SHEET

| PROPERTY | TEST METHOD | FINAL PRODUCT THICKNESS | |
|--|---|-----------------------------|---------------|
| URETHANE ONLY | | 0.10mm | 0.15mm |
| THICKNESS, mm (mil) | PTP-0023 | 0.10 (4) | 0.15 (6) |
| Tolerance, mm (mil) | | ±0.025 (1) | ±0.025 (1) |
| COMPRESSION FORCE DEFLECTION, kPa (psi) | Modified ASTM D 3574: PTP-0033 at 25% deflection | 217 (31.5) | 141 (20.5) |
| COMPRESSION SET, Typical % | ASTM D 3574 Test D, 70°C | 4.3 | 3 |
| STANDARD COLOR (CODE) | | Black (04) | Black (04) |
| RELEASE PET* | | 0.10mm & 0.15mm Products | |
| THICKNESS, mm (mil) | Range | 0.051 (2.01) – 0.053 (2.09) | |
| BREAKING STRENGTH, Mpa | GB/T1040.3-2006: MD, TD | ≥150, ≥170 | |
| ELONGATION, % | GB/T1040.3-2006: MD, TD | ≤200, ≤200 | |
| HEAT SHRINK RATE, % | GB/T16958-2008: MD, TD | 0.6~0.8, 0.9~1.1 | |

* The release PET is typically removed during converting or final assembly and is not included as part of the total thickness.

- All metric conversions are approximate.
- Additional technical information may be available.
- All PORON Test Procedures are available for view. Please contact your Rogers Sales Engineer.
- Typical values are a representation of an average value for the population of the property. For specification values contact Rogers Corporation.



† Not shown to scale