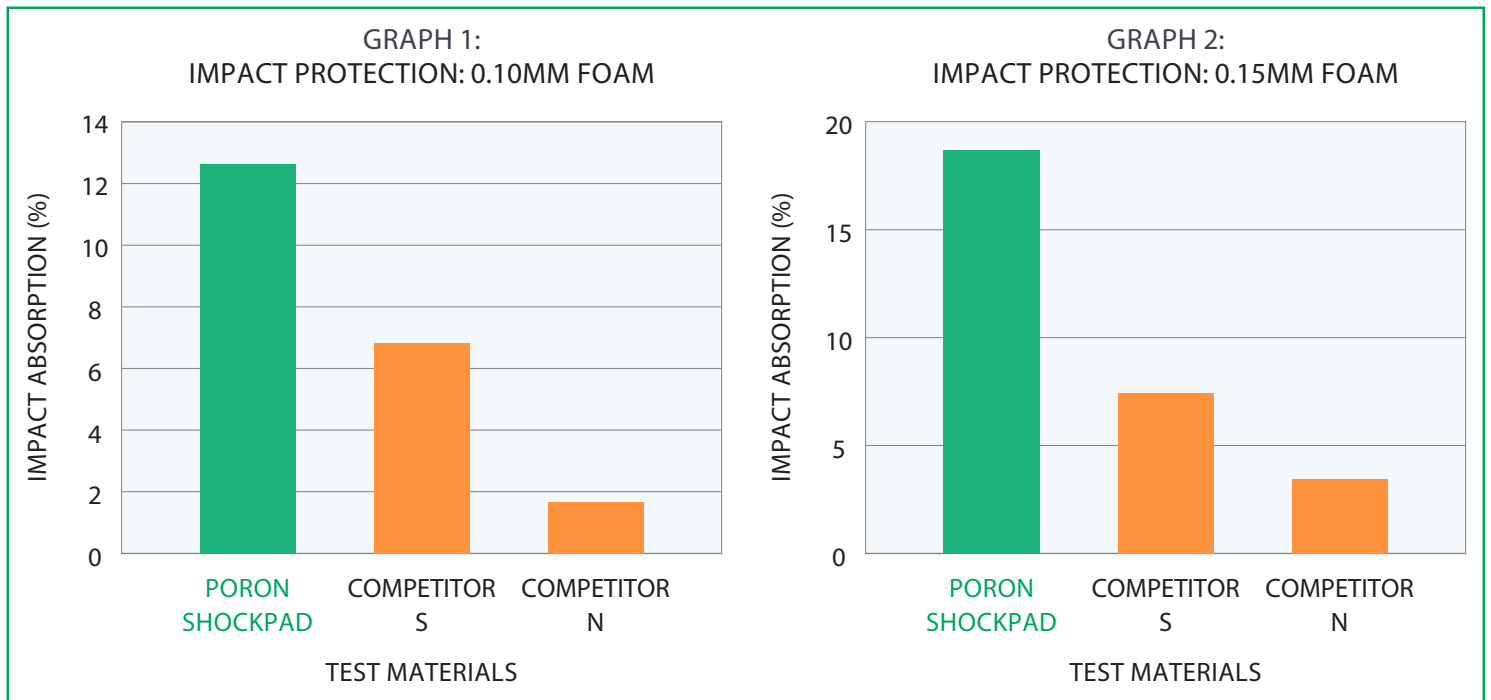


# PORON® ShockPad Foam (0.10mm & 0.15mm)

## 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](http://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	
		0.10mm	0.15mm
<b>URETHANE ONLY</b>			
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)
<b>RELEASE PET*</b>		<b>0.10mm &amp; 0.15mm Products</b>	
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

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