PORON® 4790-92-12030 P (Supported)
Extra Soft – Slow Rebound

PROPERTY	TEST METHOD	VALUE
PHYSICAL		
Density, lb./ft^3 (kg/m^3)	ASTM D 3574-95 Test A	12 (192)
Tolerance, lb/ft^3 (kg/m^3)		**± 2 (32)**
Thickness, inches (mm)		0.030 (0.75)
Tolerance, inches (mm)		**± 0.003 (0.08)**
Standard Color (Code)		Black (04)
Compression Force Deflection, Range psi (kPa), **Typical psi (kPa)**	0.2" / min. Strain Rate Force Measured @ 25% Deflection	0.25 - 2.5 (2 - 17) -
Compression Set, % max.	ASTM D 1667-90 Test D @ 73°F (23°C) ASTM D 3574-95 Test D @ 158°F (70°C)	5 10

The slightly dimpled surface appearance on the material is normal. This material meets all the performance standards and specifications of this data sheet.

The data mentioned above represents results of testing the PORON® urethane foam only. PORON cellular urethane materials are supported by being directly cast onto 2 mil polyester film. Please see physical property data for the film as represented by manufacturer below.

Supporting Material - Clear Polyester Film (PET)

PROPERTY	TEST METHOD	VALUE
Density, lb./ft^3 (kg/m^3)	ASTM D 1505	87 (1395)
Tensile Strength, Machine Direction, psi (kg/cm^2)	ASTM D 882	30,000 (2,110)
Ultimate Elongation, %	ASTM D 882	150
Shrinkage, Machine Direction, % (Cross-machine Direction)	39 min. at 150°C	1.2 (0.0)
Yield Strength (F5), psi (kg/cm^2)	ASTM D 882	15,000 (1,050)
Coefficient of Friction A/B, Kinetic	ASTM D 1894	0.40
Modulus, Machine Direction, psi (kg/cm^2)	ASTM D 882	500,000 (35,200)

The information contained in this data sheet is intended to assist you in designing with Rogers PORON Urethane Foam. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose or that the results shown on this data sheet will be achieved by a user for a particular purpose. The user is responsible for determining the suitability of Rogers PORON Urethane Foam for each application.

Notes: All metric conversions are approximate.
Additional technical information is available.