

## Product Data Sheet

### PORON® 4790-92-12020 P (Supported) Extra Soft – Slow Rebound

PROPERTY	TEST METHOD	VALUE
<b>PHYSICAL</b>		
<b>Density</b> , lb./ft <sup>3</sup> (kg/m <sup>3</sup> )	ASTM D 3574-95 Test A	12 (192)
<b>Tolerance</b> , lb/ft <sup>3</sup> (kg/m <sup>3</sup> )		± 2 (32)
<b>Thickness</b> , inches (mm)		0.020 (0.50)
<b>Tolerance</b> , inches (mm)		± 0.003 (0.08)
<b>Standard Color</b> (Code)		Black (04)
<b>Compression Force Deflection</b> , Range psi (kPa), <b>Typical psi (kPa)</b>	0.2" / min. Strain Rate Force Measured @ 25% Deflection	0.25 - 2.5 (2 - 17) -
<b>Compression Set</b> , % max.	ASTM D 3574-95 Test D @ 73°F (23°C) ASTM D 3574-95 Test D @ 158°F (70°C)	2 10

The data mentioned above represents results of testing the PORON polyurethane foam only. PORON cellular polyurethane 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
<b>Density</b> , lb./ft <sup>3</sup> (kg/m <sup>3</sup> )	ASTM D 1505	87 (1395)
<b>Tensile Strength</b> , Machine Direction, psi (kg/cm <sup>2</sup> )	ASTM D 882	30,000 (2,110)
<b>Ultimate Elongation</b> , %	ASTM D 882	150
<b>Shrinkage</b> , Machine Direction, % (Cross-machine Direction)	39 min. at 150°C	1.2 (0.0)
<b>Yield Strength (F5)</b> , psi (kg/cm <sup>2</sup> )	ASTM D 882	15,000 (1,050)
<b>Coefficient of Friction A/B</b> , Kinetic	ASTM D 1894	0.40
<b>Modulus</b> , Machine Direction, psi (kg/cm <sup>2</sup> )	ASTM D 882	500,000 (35,200)

- All metric conversions are approximate.
- Additional technical information is available.
- Typical values should not be used for specification limits.

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