

**PORON®** Urethane Foams

**Effective: December 2010**  
**Supersedes: December 2009**

## Product Data Sheet

**PORON® 4790-92-09 (Supported)**  
**Extra Soft – Slow Rebound**

PROPERTY	TEST METHOD	VALUE		
<i>PHYSICAL</i>				
Density, lb./ft <sup>3</sup> (kg/m <sup>3</sup> )	ASIM D 3574-95 Test A	<b>9</b> (144)		
Tolerance, %		± 10%		
Thickness, inches (mm)		<b>0.020</b> (0.50)	<b>0.030</b> (0.76)	<b>0.039</b> (1.00)
Tolerance, inches (mm)		± 0.0039 (0.10)		
Standard Color (Code)		<b>Black (04)</b>		
Compression Force Deflection, Range in psi (kPa)	0.2" / min. Strain Rate Force Measured @ 25% Deflection	<b>0.25 - 1.35</b> (1.7-9.3)		
Compression Set, % max.	ASIM D 3574-95 Test D @ 158°F (70°C)	<b>10</b>		

The data mentioned above represents results of testing the PORON urethane foam only. This product is supported by being directly cast onto 2 mil (0.05mm) polyester film (PET).

**Supporting Material - Clear Polyester Film (PET)**

PROPERTY	TEST METHOD	VALUE
Coefficient of Friction A/B, (Kinetic)	ASIM D 1894	<b>0.40</b>
Density, lb / ft <sup>3</sup> (g/cm <sup>3</sup> )	ASIM D 1505	<b>87.1 (1,395)</b>
Modules, MD, psi (kg/cm <sup>2</sup> )	ASIM D 882	<b>500,000 (35,200)</b>
Shrinkage, MD, %, (TD)	39 min. at 150°C	<b>1.2 (0.0)</b>
Tensile Strength, MD, psi (kg/cm <sup>2</sup> )	ASIM D 882	<b>30,000 (2,110)</b>
Ultimate Elongation, %	ASIM D 882	<b>150</b>
Yield Strength (F5), psi (kg/cm <sup>2</sup> )	ASIM D 882	<b>15,000 (1,050)</b>

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



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