

Typical Properties of EchoCel® Slow Rebound

Polymer	Polyurethane		
Physical Property	Test Method	Result (US Units)	Result (Metric Units)
Density	ASTM D3574	8 – 12 pcf	128.1- 192.2 kg/m ³
Compression Force Deflection 25%	ASTM D3574	1 – 4 psi	6.9 – 27.5 kPa
Compression Set 50%	ASTM D1056	3% Max	3% Max
Compression Set 50%	ASTM D3574	5% Max	5% Max
Tensile Strength	ASTM D3574	50 psi	344.7 kPa
Elongation	ASTM D3574	190%	190%
Tear Strength	ASTM D624	8 lb./in	1.4 kN/m
Resilience	ASTM D2632	6%	6%
Service Temperature	-40 to 250 F		

Characteristics

- Impact Resistant
- Breathable
- Low Compression Set
- High Stretch
- Dimensionally Stable
- Low Resiliency
- Exceptional Compression Fatigue

Disclaimer: This information is furnished as a guide for selecting materials. Acor Orthopaedic, LLC. makes no warranties, expressed or implied, of merchantability with respect to the goods or that such goods are fit for any particular purpose. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

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