

## Aero-Mat "Soric® LRC"



"Lantor Soric LRC" Aero-Mat is a flexible, low resin consumption honeycomb foam mat used to add structure and thickness to composite laminates. It absorbs approximately 20% less resin compared to the "Lantor Soric XF" 2MM Aero Mat resulting in a lighter finished product. The compression resistant hexagonal cell structure and resin flow channels make Aero-Mat ideal as a core material and infusion medium in one.

### Physical Properties

Product	LRC 2
Thickness	.078" (2mm)
Max Processing Temperature	
Resin Uptake	23.59 oz/yd <sup>2</sup> (0.8 kg/m <sup>2</sup> )
Dry Weight	3.98 oz/yd <sup>2</sup> (135 g/m <sup>2</sup> )
Density Impregnated	12,675 oz/yd <sup>3</sup> (470 kg/m <sup>3</sup> )

### Technical Properties

Flexural Strength	1,232 psi
Flexural Modulus	91,373 psi
Compression Strength 10% strain	870 psi
Shear Strength	326 psi
Shear Modulus	2,175 psi

Technical information displayed reflects the typical mechanical properties of impregnated material with Unsaturated Polyester Resin