

## DATA SHEET

# EPOXY DELMAT

	Value	Unit
<b>MECHANICAL PROPERTIES</b>		
Flexural Strength $\perp$ at 23°C	400	MPa
Flexural Strength $\perp$ at 200°C	160	MPa
Modulus of elasticity in flexure $\perp$ at 23°C	20000	MPa
Modulus of elasticity in flexure $\perp$ at 200°C	12000	MPa
<b>ELECTRICAL PROPERTIES</b>		
Surface resistivity	$10^5$ to $10^9$	Ohm/square
<b>PHYSICAL PROPERTIES</b>		
Density	$1.80 \pm 0.15$	g/cm <sup>3</sup>
Water absorption	<0.15	%
Average coefficient of linear expansion //	$9 \times 10^6$	1/K
Thermal conductivity	0.25	W/mK
Maximum operating temperature	300°	°C

**Thickness:** 3mm, 5mm, 6mm, 8mm, 10mm, 12mm

**Standard sheet sizes:** 68.610 Black 92.5" x 52.5" 33.7 ft<sup>2</sup>/sheet

**Symbols:**  $\perp$  perpendicular to laminations // parallel to laminations

Thickness	Tolerance on nominal
Thickness $\leq$ 10 mm	$\pm$ 0.10 mm
10 < thickness $\leq$ 15 mm	$\pm$ 0.15 mm

**NOTE:** The typical average values shown above are the result of extensive test in our laboratories. Von Roll Isola however cannot accept responsibility for the performance of its products in applications over which they have no control. Due to the continuous development of our products, these values can at any time be changed without notice.



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