

**Data Sheet: Gracco Honeycomb Panels  
with Bare Aluminium Cover**

<b>Item No</b>	<b>Description</b>	<b>Data</b>
1	Aluminum Alloy	AA3003
2	Cell Size	Grid Length=5mm; Foil Thickness=0.05mm
3	Finish of Aluminum	Mill Finish
4	Adhesive	Two-Part Epoxy
5	Processing	Cold Press
6	Flatwise Tensile Strength	1.2Mpa
7	Flatwise Compressive Strength	0.8Mpa
8	Flatwise Compressive Elastic Modulus	60Mpa
9	Flatwise Shear Strength	0.7Mpa
10	Flatwise Shear Elastic Modulus	8.5Mpa
11	Flexural Rigidity	$1.26 \cdot 10^9 \text{N} \cdot \text{mm}^2$
12	Shear Rigidity	$2.29 \cdot 10^5 \text{N} \cdot \text{mm}^2$
13	Climbing Drum Peel Strength	40N·mm/mm