

## 3M Balsa Panels

Category : Wood and Natural Products , Wood

### Material Notes:

3M™ Balsa Panels are made of end grain balsa, a highly processed ultra light wood product, imparts impressive strength and stiffness to the sandwich panel. The end grain configuration of balsa provides high resistance to crushing and is very difficult to tear apart. End grain balsa cored panels also have the ability to handle excessive dynamic loads with high resistance to fatigue. The balsa panels end grain orientation gives it exceptional compression and shear properties. As an added benefit, panels providing good thermal and acoustic insulation. Balsa panels are available in 9.5 lb/ft3 density. Information provided by 3M

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_3M-Balsa-Panels.php](http://www.lookpolymers.com/polymer_3M-Balsa-Panels.php)

Physical Properties	Metric	English	Comments
Density	0.128 - 0.176 g/cc	0.00462 - 0.00636 lb/in³	

Mechanical Properties	Metric	English	Comments
Compressive Strength	13.07 MPa	1895 psi	ASTM C365
Compressive Modulus	4.07 GPa	590 ksi	ASTM C365
Shear Modulus	0.159 GPa	23.1 ksi	ASTM C273
Shear Strength	2.98 MPa	432 psi	ASTM C273

Processing Properties	Metric	English	Comments
Moisture Content	9.66 %	9.66 %	

## Contact Songhan Plastic Technology Co.,Ltd.

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