

ARCHCELL® ACFIT

ARCHCELL® is a closed-cell rigid PMI (Polymethacrylimide) foam, which used as the core of lightweight sandwich structure.

ARCHCELL® ACFIT is a polymethacrylimide pre-foamed granule that can be foamed directly in the mold.

This material is particularly suitable for high-volume production of irregularly shaped parts. The density of the molded parts can be selected between 70 and 200 kg/m³.

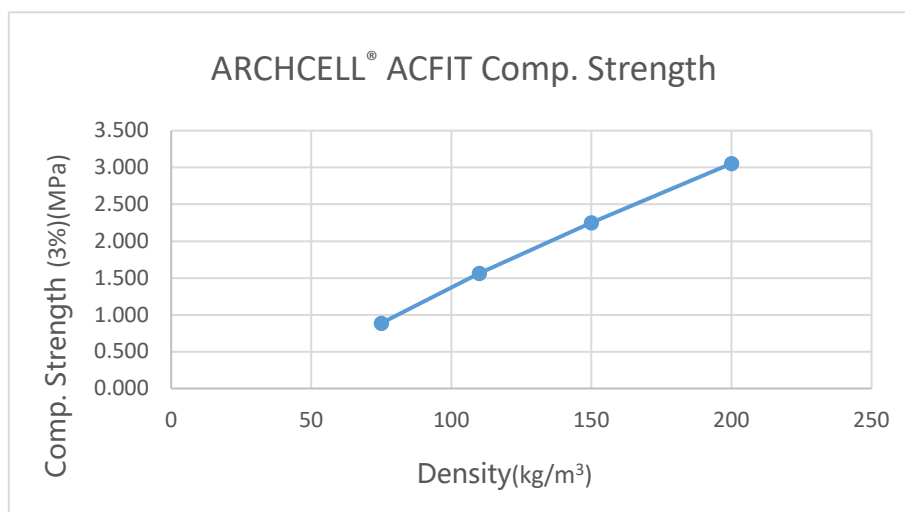
TYPICAL PROPERTY VALUES

Properties	Unit	ACFIT				Standard
Density	kg/m ³	75	110	150	200	ISO 845
	lbs/ft ³	4.68	6.24	9.36	12.49	ASTM D1622
Compressive Strength (3% deformation)	MPa	0.887	1.562	2.25	3.054	ISO 844
	psi	128.6	226.5	326.3	442.8	ASTM D1621

Mechanical performance is under room temperature (23°C)

The above technical data are typical values at nominal densities (particle size from 1 to 5 mm, a hot melt reactive adhesive is used) and are subject to normal manufacturing variations.

Compressive Performance





Disclaimer

Our technical advice on the applications of our products is given without obligation. The buyer is responsible for their use and processing, and is also liable for observing any third-party rights.

Technical data concerning our products are typical values. Subject to alteration.

ARCHCELL® is a registered trademark of ARCH Industrial (HK) Limited.

