

Polycore Australia Pty Ltd**Specifications for PP-8**

Properties	SI Units	English
Cell diameter	8mm	5/16"
Density (ISO 845)	80 kg/m ³	4.8 lb/ft ³
Compressive Strength (ISO 844)	2.0 MPa	290 psi
Tensile Strength (ASTM C297)	0.6 Mpa	87 psi
Shear Strength (ISO 1922)	0.6 MPa	87 psi
Effective Temperature Range	-40°C to +110°C	-40F to +230F

Thermal Conductivity (at 10°C)	0.102 W/mK
Thermal Conductivity (by Fourier Law*)	k=0.03
Heat Insulation (20mm)	R ~ 0.3 m ² •°C/W
Water Absorption (24 hours)	< 0.1%
Flammability	Normal
Peel Strength	Excellent
Fatigue Resistance	Excellent
Impact Resistance	Excellent
Sound Attenuation	> 22Db

* assuming 10% polypropylene, 90% air

IMPORTANT NOTICE: The information herein regarding our products, equipment and processes is believed to be reliable and to the best of our knowledge. We do not warrant the accuracy and completeness of any such information. Whether expressed or implied, including warranties of fitness for a particular purpose. It is the user's or purchaser's responsibility to undertake sufficient testing to verify the suitability of our products for their own particular purpose. The information contained herein shall not be construed as inducement, permission or recommendation to infringe upon any patent rights or other rights of third parties.