





#### **CERTIFICATIONS**



## LYcell LYcell

RECYCLED HIGH RESISTANCE FOAM CORE

### **ADVANTAGES**

HIGHLY RESISTANT

LIGHT-WEIGHT

LOW RESIN UPTAKE

**RECYCLED** 

LYcell ECO is a closed cell cross-linked PVC foam with a high strength-to-weight ratio, rendering it ideal for all composite material and simpler technical solutions. LYcell is a recycled high-performance core material.

#### **FIELDS OF APPLICATION**

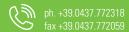
Suitable for light, resistant and thermally insulating composite structures like building, carrying trade, wind turbine nacelles, furniture.















# TECHNICAL DATA SHEET TYPICAL VALUES



FOAM			L060	L080	L100	L130
Density	ISO 845 (min)	kg/m³	60 (50)	80 (68)	100 (86)	130 (116)
Compressive strength	ISO 844:2014 B	MPa	0,77	1,30	1,93	2,77
Compressive modulus	ISO 844:2014 B	MPa	55	90	100	174
Shear strength	ISO 1922	MPa	0,65	1,13	1,44	2,17
Shear modulus	ISO 1922	MPa	19	30	41	56
Shear elongation at break	ISO 1922	%	18	28	14	26
Standard block dimensions		mm	1100 2400	970 2160	900 2000	800 1860