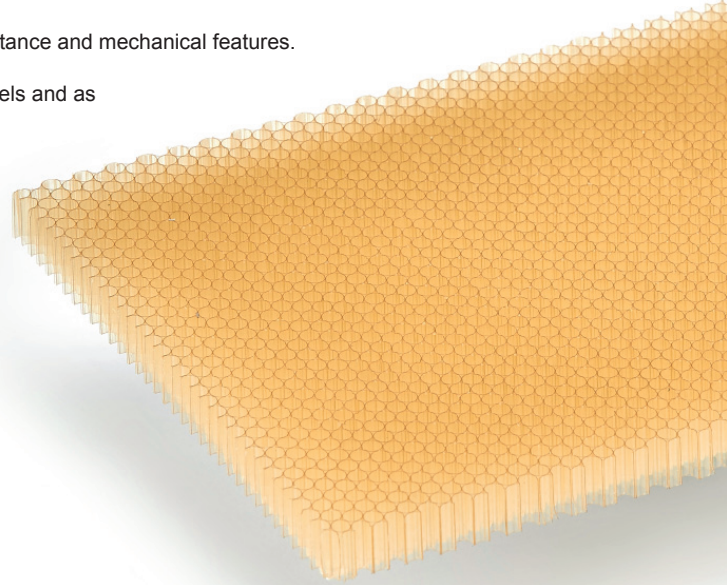


## Polyetherimide honeycomb core

This polymer differs from other polymers because of its better high temperature-resistance and mechanical features.

It is employed, for example, to produce stealth panels for military use, for hi-tech panels and as core material for snow boards.



Honeycomb core's properties					
Type	4,0-48C	4,0-75C	4,0-100C	4,0-120C	4,0-144C
Cell size mm	4,2				
Colour	amber				
Density kg/m <sup>3</sup>	48	75	100	120	144
Compressive strength MPa	0,83	3,00	4,16	6,34	10,67
Shear strenght MPa	0,63	1,35	1,60	2,10	3,30
Shear modulus MPa	12,2	25,2	26,4	32	40
Effective temperature range °C	da -40 a +170				
Flammability	low / self-extinguishing				
Thickness mm	da 5 a 300				
Maximum length mm	3000				
Maximum width mm	1350				

### Standard dimensions (other dimensions available on request)

