



## TECHNICAL DATA SHEET

# THPP60-FN

### PRODUCT DESCRIPTION

Standard dimensions (CD, L x MD, W)

1.200 mm x 2.500 mm

Core thickness & Cell size

Core thickness (h)	Cell size (c)
5,0 mm	4,0 mm
8,0 / 10,0 mm	8,0 mm
12,0 / 15,0 mm	5,0 mm
20,0 mm	5,0 mm
23,0 / 28,0 mm	9,6 mm

Tolerances

MD, W	+10 / -1 mm
CD, L	+2 / -1 mm
Core thickness	+/- 0,3 mm
Squareness	+/- 0,2°

Density

60 – 70 kg / m<sup>3</sup>

Surface finish

Typ FN / 50 µm Polypropylen Film / 40 g/m<sup>2</sup> Polyester Nonwoven

### PHYSICAL PROPERTIES

Compressive strength	0,6 MPa (87 Psi)	ASTM C365-57
Compressive modulus	15 MPa (2.176 Psi)	ASTM C365-57
Shear strength (CD, L x MD, W)	0,4 MPa – 0,2 MPa (58 Psi – 29 Psi)	ASTM C273-61
Shear modulus (CD, L x MD, W)	14 MPa – 5 MPa (2030 Psi – 750 Psi)	ASTM C273-61
Temperature range for processing and application (°C)	-30 to +80 short term to +140	
Thermal conductivity	0,060 W/mK	
Fire-resistance	Normally inflammable (building material class B2 DIN 4102-1, respectively D according to EU classification), higher grades of fire resistance can be obtained in sandwich elements when using specialized skin materials.	
Chemical resistance	Excellent resistance to water, most acids, bases and salt solutions.	
Resistance to UV rays	Lasting UV resistance can be guaranteed in sandwich elements when using appropriate skin materials.	

### LIABILITY FOR DEFECTS

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